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# THE BULLETIN

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## THE MISSOURI PLANT LAW

The Law as Amended 1933, Rules,  
Regulations and Quarantines.

By

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and J. CARL DAWSON

MISSOURI STATE DEPARTMENT OF AGRICULTURE

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JEFFERSON CITY, MO.

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# THE MISSOURI PLANT LAW

With the development of commerce in the United States, and the improvement of transportation facilities, it became possible to move agricultural and other commodities very quickly, not only from foreign countries but also within the United States. These improvements not only made it practicable to transport and market perishable agricultural products over a much wider area, but also made it possible to transport living insects and plant diseases, thereby introducing them into areas where they were not previously known.

The introduction of San Jose Scale into America, in the early Seventies, first brought to the nation-wide attention of the people the necessity of laws governing the transportation of plants, plant parts and plant products, to prevent the dissemination of such pests harmful to agriculture.

Every civilized country, and every State in the United States, now maintains and enforces plant inspection laws and have now in effect plant quarantines to prevent the introduction and dissemination of dangerous insect pests and plant diseases.

If a hundred of the most destructive pests of the farm, garden, greenhouse and orchard were listed, a large percentage of them could be traced back to foreign lands and to other States where they were first introduced. These would include such common pests as Hessian Fly, San Jose Scale and Codling Moth.

The Missouri Plant Law is provided as a legal authority whereby the introduction and dissemination of dangerous and destructive insect pests and plant diseases may be minimized, also whereby eradication and suppressive measures can be taken to control such pests, when such methods are practicable in the interest of the agriculture of this State. This Plant Law had its origin in the first such enactment that was passed in Missouri in 1913, which primarily concerned the inspection and certification of nursery stock only. This law was amended in 1925, and was broadened to include quarantine powers. Two sections of this law were amended in 1927, which added primarily the authority to quarantine against dangerous and destructive insect pests and plant diseases both within and without the State. In 1929, the Plant Law was again amended and its administration changed from the State Plant Board to the State Board of Agriculture. In 1933, another amendment changed the administration from the abolished State Board of Agriculture to the newly established Missouri State Department of Agriculture under the administration of the Commissioner of Agriculture.

The Commissioner of Agriculture, in issuing this regulatory service bulletin, presents (a) the text of the 1925 Plant Law as amended in 1929 and re-amended in 1933, here published for the first time in its revised form, also (b) giving the revised Rules and Regulations, effective January 1, 1935, (c) the revised Quarantines, and (d) the Central Plant Board recommendations for the treatment of certain disease infected and insect infested nursery stock.

The Plant Law is now administered by the Commissioner of Agriculture, assisted by those employees designated by him for service under this regulatory statute, the former administrative body, the State Board of Agriculture having been abolished by the General Assembly of 1933. Since this bulletin is prepared for semi-permanent use, it is here suggested that each person receiving a copy will please preserve same for both current and future reference, since this edition is limited in number of copies.

## THE MISSOURI PLANT LAW, AS REVISED, 1933

(Herewith is the current text of the Missouri Plant Law of 1925, as amended in 1927 and 1929, re-amended in 1933. As here printed, the term "Commissioner of Agriculture," is substituted for the former term, "The Board," the Board law having been repealed in 1933, the Board powers being thereby transferred to the Commissioner of Agriculture of the Missouri State Department of Agriculture, through the enactment of Senate bills 42 and 45.)

**Section 12367. Short Title of Law.**—This article shall be known by the short title of "The Missouri plant law of 1925."

**Sec. 12368. Terms Defined.**—For the purposes of this article, the following terms shall be construed, respectively, to mean:

(a) Insect pests and diseases: Insect pests and diseases injurious to plants and plant products of this state, including any of the stages of development of such insect pests and diseases.

(b) Plants and plant products: Trees, shrubs, vines, forage and cereal plants, and all other plants; cuttings, grafts, scions, buds, and all other parts of plants; and fruit, vegetables, roots, bulbs, seeds, wood, lumber, and all other plant products.

(c) Places: Vessels, cars and other vehicles, buildings, docks, nurseries, orchards and other premises, where plants and plant products are grown, kept or handled.

(d) Persons: Individuals, associations, partnerships and corporations. Words used in this article shall be construed to import either the plural or the singular, as the case demands.

**Sec. 12369. Commissioner of Agriculture to Administer Provisions of Law.**—The Commissioner of Agriculture of the Missouri State Department of Agriculture is hereby authorized to administer the provisions of this article. He shall have authority to make such regulations and promulgate and enforce such quarantines as may in his judgment be necessary for the protection of all plants growing in the State of Missouri. In the administration of the provisions of this article, the Commissioner of Agriculture is authorized and empowered to co-operate with every state department, agency, commission and institution, and also particularly with the United States Department of Agriculture in so far as such co-operation may be beneficial in carrying out the provisions of this article.

**Sec. 12370. Powers of Commissioner of Agriculture.**—The Commissioner of Agriculture is hereby empowered to conduct such inspections and promulgate and enforce such quarantine regulations as may be necessary in carrying out the provisions of this article. These inspections and quarantine enforcements shall be conducted under the direction of the Commissioner of Agriculture. The Commissioner of Agriculture is furthermore empowered to call to any of his meetings any person or persons who in the judgment of the Commissioner of

Agriculture possesses information of value in carrying out the provisions of this article, and necessary expenses of such person or persons may be paid from the funds appropriated to the Commissioner of Agriculture.

**Sec. 12371. Assigning Duties—Cooperation—Fees.**—For the purpose of carrying out the provisions of this Article, the Commissioner of Agriculture may assign such duties to his employees as he may require and incur such expense as may be necessary, within the limits of appropriations made by law. The Commissioner shall co-operate with other departments, boards and officers of this State and the United States as far as practicable. Provided, that the Commissioner of Agriculture shall prescribe the fees to be charged and collected from those inspected, and he shall cause such fees to be paid into a fund known as the Plant fund.

**Sec. 12372. Insects and Diseases, how Eradicated.**—The Commissioner of Agriculture shall keep himself informed as to known varieties of insect pests and diseases, the origin, locality, nature and appearance thereof, the manner in which they are disseminated, and approved methods of treatment and eradication. Every such insect pest and disease, and every plant and plant product infested or infected therewith, is hereby declared to be a public nuisance. The Commissioner of Agriculture, in his rules and regulations made pursuant to this article, shall list the insect pests and diseases of which he shall find that the introduction into, or the dissemination within, this state should be prevented in order to safeguard the plants and plant products of this state, together with the plants and plant products likely to become infested or infected with such insect pests and diseases. Every person who has knowledge of the presence of any insect pest or disease listed, as required by this section, in the rules and regulations made pursuant to this article, in or upon any place, shall immediately report the same to the Commissioner of Agriculture or an inspector therefor, giving such detailed information relative thereto as he may have. Every person who deals in or engages in the sale of plants and plant products shall furnish to the Commissioner of Agriculture or his inspectors, when requested, a statement of the names and addresses of the persons from whom and the localities where he purchased or obtained such plants and plant products.



**Sec. 12373. Commissioner of Agriculture to make Rules and Regulations.** The Commissioner of Agriculture shall, from time to time, make rules and regulations for carrying out the provisions and requirements of this article, including rules and regulations under which his inspectors and other employees shall (a) inspect places, plants and plant products, and things and substances used or connected therewith, (b) investigate, control, eradicate and prevent the dissemination of insect pests and diseases, and (c) supervise or cause the treatment, cutting and destruction of plants and plant products infested or infected therewith.

**Sec. 12374. Property Owners Failing to Act, State has a Lien for Costs.**—Whenever such inspection discloses that any places, or plants or plant products, or things and substances used or connected therewith, are infested or infected with any insect pest or disease listed, as required by section 12372, or in the rules and regulations made pursuant to this article, written notice thereof shall be given the owner or other person in possession or control of the place where found, and such owner or other person shall proceed to control, eradicate or prevent the dissemination of such insect pest or disease, and to remove, cut or destroy infested and infected plants and plant products, or things and substances used or connected therewith, within the time and in the manner prescribed by said notice or the rules and regulations made pursuant to this article. Whenever such owner or other person cannot be found, or shall fail, neglect or refuse to obey the requirements of said notice and the rules and regulations made pursuant to this article, such requirements shall be carried out by the inspectors or other employees of the Commissioner of Agriculture, and said Commissioner shall have and enforce a lien for the expense thereof against the place in or upon which such expense was incurred in the same manner as liens are had and enforced upon buildings and lots, wharves and piers for labor and materials furnished by virtue of contract with the owner.

**Sec. 12375. Shipments to Show Addresses of Consignors and Consignees.** It shall be unlawful for any person to bring or cause to be brought into this state any plant or plant product listed, as required by section 12372, in the rules and regulations made pursuant to this article, unless there be plainly and legibly marked thereon or affixed thereto, or on or to the car or other vehicle carrying, or the bundle, package or other container of, the same, in a conspicuous place, a statement or a tag or other device showing the names and addresses of the consignors or shippers and the consignees or persons to whom shipped, the general nature and quality of the contents, and the name of the locality where grown, together with a certificate of inspection

of the proper official of the state, territory, district, or country from which it was brought or shipped, showing that such plant or plant product was found or believed to be free from insect pests and diseases, and any other information required by the Commissioner of Agriculture.

**Sec. 12376. Official Inspection—When Fees—Disbursements.**—It shall be unlawful for any person to sell, give away, carry, ship, or deliver for carriage or shipment, within this state, any plants or plant products listed, as required by section 12372, in the rules and regulations made pursuant to this article, unless such plants or plant products have been officially inspected and a certificate issued by an inspector of the Commissioner of Agriculture, stating that the said plants or plant products have been inspected and found free from insect pests and diseases, and any other facts provided for in the rules and regulations made pursuant to this article. For the issuance of such certificate, the Commissioner of Agriculture may require the payment of a reasonable fee to cover the expense of such inspection and certification: Provided, however, that if such plants or plant products were brought into this state in compliance with the requirements of section 12375, the certificate required by that section may be accepted in lieu of the inspection and certificate required by this section, in such cases as shall be provided for in the rules and regulations made pursuant to this article. If it shall be found at any time that a certificate of inspection, issued or accepted pursuant to the provisions of this section, is being used in connection with plants and plant products which are infested or infected with insect pests or diseases, its further use may be prohibited, subject to such inspection and other disposition of the plants and plant products involved as may be provided for by the Commissioner of Agriculture. All moneys collected by the Commissioner of Agriculture under this section or under section 12374 or 12381, shall be retained by the Commissioner of Agriculture as a fund for necessary traveling, postage, equipment, and other proper expenses incident to the duties and activities of the Commissioner of Agriculture and his employees. Bi-annually a detailed and itemized statement of all receipts and disbursements of said fund shall be submitted by said Commissioner of Agriculture to the General Assembly on or before the third Monday of the session.

**Sec. 12377. Duty of Person Receiving Shipment.**—Any person in this state, who receives from without this state any plant or plant product as to which the requirements of section 12375 have not been complied with, or who receives any plant or plant product sold, given away, carried, shipped, or delivered for carriage or shipment within this state as to which the requirements of

section 12376 have not been complied with, shall immediately inform the Commissioner of Agriculture or an inspector thereof, and isolate and hold the said plant or plant product unopened or unused subject to such inspection and other disposition as may be provided for by the Commissioner of Agriculture.

**Sec. 12378. Commissioner of Agriculture May Establish Quarantine—Rules and Regulations.**

—The Commissioner of Agriculture, whenever he shall find that there exists in any other state, territory, or district, or part thereof, any dangerous plant disease or insect infestation with reference to which the Secretary of Agriculture of the United States has not determined that a quarantine is necessary and has not duly established such quarantine, is hereby authorized to promulgate, and to enforce by appropriate rules and regulations, a quarantine prohibiting or restricting the transportation into or through the state, or any portion thereof, from such other state, territory, or district of any class of nursery stock, plant, fruit, seed, or other article of any character whatsoever, capable of carrying such plant disease or insect infestation. The Commissioner of Agriculture is hereby authorized to make rules and regulations for the seizure, inspection, disinfection, destruction, or other disposition of any nursery stock, plant, fruit, seed, or other article of any character whatsoever, capable of carrying any dangerous plant disease or insect infestation, a quarantine with respect to which shall have been established by the Secretary of Agriculture of the United States, and which have been transported to, into, or through this state in violation of such quarantine.

**Sec. 12379. Shall Adopt and Carry Out Restrictive and Control Measures—Commissioner of Agriculture May Act in case Owner Does Not.**

—Whenever the Commissioner of Agriculture shall find that there exists in the state, or any part thereof, a dangerous insect pest or a dangerous plant disease new to the state, which for the protection of the crops of the state, should be prevented from spreading and be controlled or eradicated, the Commissioner of Agriculture shall adopt and carry out such restrictive and control measures as may be deemed necessary and advisable and may co-operate with other state agencies and with the United States Department of Agriculture. The Commissioner of Agriculture is authorized to promulgate quarantines and quarantine restrictions covering areas in the state affected by said pests, and other areas within the state adjacent thereto, which are likely to be affected with such pest, and may adopt, issue and enforce rules and regulations supplemental to such quarantines (for preventing) the spread and for controlling or exterminating such pests

from such area. Under such quarantines the Commissioner of Agriculture or his authorized agents may prohibit and prevent the movement within the state without inspection or the shipment or transportation within the state, without inspection, or the shipment or transportation within the state of any agricultural or horticultural products, or any other material of any character whatsoever, capable of carrying such pests in any living state of its development, originating in or which have been stored in such quarantined areas; or in any area outside of the state infested with such pest, except under such conditions as the Commissioner of Agriculture may prescribe as to inspection, treatment and certification and in the carrying out of the provisions of this section, the Commissioner of Agriculture or his authorized agents may intercept, stop and detain for official inspection any person, car, vessel, boat, truck, automobile, aircraft, wagon, or other vehicles or carriers whether air, land or water, of any container believed or known to be carrying such pest in any living stage of its development of any prohibited material, in violation of such quarantine or of the rules or regulations issued supplemental thereto, and may seize, possess, and destroy or otherwise dispose of any agricultural or horticultural product or other material of any character whatsoever, moved, shipped, or transported in violation of such quarantine or the rules and regulations supplemental thereto. Under such quarantines the Commissioner of Agriculture may prohibit the use of any farm practice or operation within the quarantined area which favors the development of such pest and may specify and require in such area the use of specific operations and procedures in disposing of weeds and crop residues, in the treating and handling of seeds, growing crops, or harvested products, machinery and any other property, or in planting and harvesting crops, as may be necessary to effectively destroy or prevent the development of such pest, and it shall be the duty of the owner or person in charge of lands and crops and other things connected therewith within such quarantined area, upon due notice, to refrain from such prohibited practices and operations and to take such action as is required within the time limit specified and in the manner designated by the Commissioner of Agriculture. In case the owner or the person in charge of such lands, crops or other materials within the quarantined area, shall neglect or refuse to carry out the instructions of the Commissioner of Agriculture contained in such notice within the time limit specified, the Commissioner of Agriculture or his authorized agents may take the action so required, and the Commissioner of Agriculture shall have and enforce a lien for the expense thereof against the place in or upon which



such expense was incurred in the same manner as liens are had and enforced upon buildings and lots, wharves and piers for labor and materials furnished by virtue of contract with the owner.

**Sec. 12380. Powers of Inspectors.—**

For the purpose of carrying out the provisions and requirements of this article, and of the rules and regulations made, and notices given, pursuant thereto, the Commissioner of Agriculture and his inspectors and employees shall have power to enter into or upon any place, and to open any bundle, package or other container of plants or plant products.

**Sec. 12381. Review of Order of Commissioner of Agriculture Granted, When.**

Any person affected by any rule or regulation made, or notice given, pursuant to this article, may have a review thereof by the Commissioner of Agriculture for the purpose of having such rule, regulation or notice modified, suspended or withdrawn. Such review shall be allowed and considered and the cost thereof fixed, assessed, collected and paid in such manner and in accordance with such rules and regulations as may be prescribed by the Commissioner of Agriculture.

**Sec. 12382. Penalty.**—Any person who shall violate any provision or requirement of this article, or of the rules and regulations made, or of any notice given, pursuant thereto, or who shall forge, counterfeit, deface, destroy, or wrongfully use, any certificate provided for in this article, or in the rules and regulations made pursuant thereto, shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not more than \$500, or by imprisonment for not more than six months, or by both such fine and imprisonment.

**Sec. 12383. Construction of Article.—**

In construing and enforcing the provisions of this article, the act, omission or failure of any official, agent or other person acting for or employed by any association, partnership or corporation within the scope of his employment or office shall, in every case, also be deemed the act, omission or failure of such association, partnership or corporation as well as that of the person.

**Sec. 12384. Interstate Shipments not Affected by Article.**—This article shall not be so construed or enforced as to conflict in any way with any act of Congress regulating the movement of plants and plant products in interstate or foreign commerce.

## PLANT LAW RULES AND REGULATIONS.

(Rules and Regulations of the Commissioner of Agriculture, pertaining to the Plant Law, effective January 1, 1935, subject to amendment and change without previous notice.)

**Rule 1.**—For the purposes of the Commissioner of Agriculture of the Missouri State Department of Agriculture, the terms used herein shall mean the same as defined in section 12368 of the Plant Law of 1925 (as amended 1927, 1929 and 1933) as to the meaning of the terms, "Insect Pests and Plant Diseases, Plants and Plant Products, Places and Persons," and the words used in the Rules and Regulations shall imply the singular or the plural, as the case demands. The Rules and Regulations herewith shall become and be in full force and effect as of January 1, 1935, subject to change and amendment without previous notice, and the following terms are hereby defined to mean respectively:

**Nursery Stock**—all field grown florist stock, vines, shrubs, fruit trees, forest trees, cuttings, scions, buds, fruit pits and other seeds of fruits, ornamental trees and shrubs, sweet potato slips, strawberry plants, bedding plants, bulbs, roots, and herbaceous biennial or perennial plants and parts thereof (except the seeds for or capable of propagation). Field, vegetable and flower seeds are excepted.

**Nursery**—any ground or premises on or in which nursery stock is propagated or grown for sale, or any ground or premises on or in which nursery stock is being fumigated, treated, packed or stored.

**Nurseryman**—any person who owns, leases, manages or is in charge of a nursery.

**Nursery Dealer**—any person not a grower of nursery stock who buys nursery stock for the purpose of reselling or reshipping and is not otherwise defined as a nurseryman or nursery agent.

**Nursery Agent**—any person selling nursery stock under the full control of any one nurseryman or one nursery dealer. An agent cannot maintain a sales yard or a stock of nursery stock but may sell such stock on the property of the nursery or nursery dealer represented but not from the floor of a store unless such store is owned or leased by such nursery or nursery dealer. An agent may operate only under the name of the nursery represented and may obtain nursery stock from no other source. This definition does not apply to "strawberry plant agents."

**Strawberry Plant Agent**—any certified strawberry plant (a) grower or (b) dealer may appoint one or more persons, stores, or organizations, as his "Strawberry Plant Agent," provided the said grower or dealer provides each such strawberry plant agent with a "Strawberry Plant Agent's" certificate. These "Strawberry Plant Agent's" certificates are furnished to certified growers without extra charge.

**Rule 2.**—Under the provisions of the Missouri Plant Law, the Commissioner of Agriculture, in accordance with Section 12372 of said law, does declare the following insect pests and plant diseases, and each and every plant and thing infested therewith, to be public nuisances of such nature that their dissemination should be prevented within the intent and meaning of Section 12374 of said law, this list subject to amendment without previous notice:

Argentine Ant (*Iridomyrmex humilis* Mayr.).—Various crops, and is a household pest.

Blackberry Rust—Orange Rust (*Gymnoconia interstitialis* Schl.).—Blackberry, raspberry.

Black-Rot Canker (*Physalospora cydoniae* Arnaud).—Apple.

Black Stem Rust of Grain (*Puccinia graminis* Parsoon).—Cereals and grasses.

Blister Canker (*Nummularia discreta* Schw.).—Apple.

Blotch Canker (*Phyllosticta solitaria* E. & E.).—Apple.

Cedar Rust (*Gymnosporangium juniperi virginianae* Schw.).—Cedar and apple. Only within such territories as are hereafter declared by the Commissioner of Agriculture to be territories in which the dissemination of the same shall be prevented.

Crown Gall (*Pseudomonas tumefaciens* Duggar).—Nursery stock.

Crown-Rot (*Sclerotium rolfsii* Sacc.).—Perennials.

Cyclamen Mite (*Tarsonemus pallidus* Banks).—Greenhouse plants.

European Elm Scale (*Gossyparia ulmi* Linn.).—Elm.

Flat-headed Apple Tree Borer (*Chrysobothris femorata* Olivier).—Apple.

Fire Blight (*Bacillus amylovorus* Burr.).—Pear, apple, quince.

Forbes Scale (*Aspidiotus forbesi* Johnson).—Cherry, apple.

Grape Anthracnose (*Glaeosporium ampelophagum* Sacc.).—Grape.

Iris Root Borer (*Macronoctua onusta* Grote).—Iris.

Japanese Beetle (*Popillia japonica* Newman).—Foliage of various cultivated trees and plants and roots of grasses.

Locust Borer (*Cyrtus robiniae* Forster).—Locust.

Mealy Bug (*Pseudococcus* spp.).—Greenhouse plants.

Nematodes.—Various kinds of nursery stock and greenhouse plants.

Oriental Fruit Moth (*Laspeyresia molesta* Busck).—Apple, pear, peach, cherry.

Oyster Shell Scale (*Lepidosaphes ulmi* Linne).—Apple and shrubs.

Peach Tree Borer (*Aegeria exitiosa* Say).—Peach, plum, cherry.

Phony Peach Disease (*virus*).—Peach, nectarines.

Pine Leaf Scale (*Chionaspis pinifoliae* Fitch).—Pine, Spruce.

Poplar Borer (*Saperda calcarata* Say).—Poplar, willow.

Raspberry Mosaic (*virus*).—Raspberries.

Raspberry Anthracnose (*Plectodiscella veneta* (Speg.) Burk.).—Raspberry, blackberry.

Red Spider.—Nursery and greenhouse plants.

Rose Scale (*Aulacaspis rosae* Bouche).—Rose, raspberry, blackberry.

Round-headed Apple Tree Borer (*Saperda candida* Fabr.).—Apple.

San Jose Scale (*Aspidiotus perniciosus* Comstock).—Fruit trees and other plants.

Scurfy Scale (*Chionaspis furfura* Fitch).—Apple, quince.

Snapdragon Rust (*Puccinia antirrhini* Diet. & Holw.).—Snapdragon.

Strawberry Crown-Borer (*Tylosderma fragariae* Riley).—Strawberry, etc.

Sweet Potato Black Rot (*Ceratostomella fimbriata* Elliott).—Sweet potato.

Sweet Potato Mosaic (*virus*).—Sweet potato.

Sweet Potato Stem Rot (*Fusarium batatas*).—Sweet potato, egg plant.

White Fly (*Trialeurodes vaporariorum* Westwood).—Greenhouse plants.

Woolly Aphis (*Eriosoma lanigerum* Hausman).—Apple, elm.

The following other listed insects and diseases are not known to exist in Missouri, and when found must be reported to this Department (section 12372):

Alfalfa Weevil (*Phytonomus posticus* Gyllenhal).—Alfalfa.

Asiatic Beetle (*Anomala orientalis* Waterhouse).—Foliage of various plants and roots of grasses.

Brown-tail Moth (*Euproctis chrysorrhoea* L.).—Deciduous trees and shrubs.

Bulb Flies.—Greater bulb fly (*Merodon equestris* Fab.) the lesser bulb flies (*Eumerus* spp.).—Narcissus, etc.

Chestnut Blight Disease (*Endothia parasitica* Murr).—Chestnut, Chinquapin.

Dayton Elm Disease.—Elm.

Dutch Elm Disease (*Ceratostomella ulmi* (Schwarz) Buisman).—Elm.

European Corn-Borer (*Pyrausta nubilalis* Hubner.).—Corn and various herbaceous plants.



Gipsy Moth (*Porthetria dispar* Linne).—Foliage of various plants.

Mediterranean Fruit Fly (*Ceratitis capitata* Wiedemann).—Fruits and vegetables.

Mexican Bean Beetle (*Epilachna corrupta* Mulsant).—Various legume plants.

Peach Rosette (*virus*).—Peach, nectarines.

Peach Yellows (*virus*).—Peach, nectarines.

Pink Boll Worm (*Pectinophora gossypiella* Saunders).—Cotton.

Potato Wart Disease (*Synchytrium endobioticum* Schilb.).—Potatoes.

Satin Moth (*Stilpnotia salicis* Linne).—Forest trees.

Sweet Potato Weevil (*Cylas formicarius* Fabricius).—Sweet potatoes, morning-glory, Bindweed.

Thurberia Weevil (*Anthonomus grandis thurberiae* Pierce).—Cotton.

White Pine Blister Rust (*Cronartium ribicola* F. de Waldh).—Pines, gooseberries and currants.

Woodgate Rust (*Peridermium* sp.).—Scotch pine and other hard pines.

There are many other destructive plant pests not found in Missouri, but limited space prevents complete listing. The foregoing are among the most important.

**Rule 3.**—The Commissioner of Agriculture further declares that any foreign insect or plant disease, which may be imported upon any plants or plant products, and whose habits and injuriousness under the conditions of agriculture in Missouri are unknown, is regarded as dangerous and is declared to be a public nuisance.

**Rule 4.**—All nursery stock is hereby declared likely to be or to become infested or infected with injurious insects and/or plant diseases, and no person shall sell, or offer for sale, give away, carry, ship, deliver or move from one place to another, within the state, any nursery stock unless said person is in possession of a valid certificate issued under the provisions of the Missouri Plant Law.

**Rule 5.**—Every carload, box, bale or package of nursery stock, which is moved into this State, or from one place to another within the State, shall be accompanied by a copy of a valid certificate of inspection, together with the names of the consignor and consignee and a general statement of the contents, except that no such certificate need be attached to a shipment consigned to the Plant Officer of the State Department of Agriculture, the State Agricultural Experiment Station, or the United States Department of Agriculture, for identification or experimental purposes.

**Rule 6.**—No common carrier (including all trucks) or agent thereof shall move or accept for transportation within the State any shipment of nursery stock, unless same is labeled in accordance with the provisions of Rule 5; provided, however, that a common carrier or agent thereof may accept without certificate of inspection shipments of nursery stock consigned to the Plant Officer of the State Department of Agriculture, State Agricultural Experiment Station, or the United States Department of Agriculture, for identification or experimental purposes.

**Rule 7.**—Whenever there shall arrive at the wharf or station of any common carrier (including all trucks) any plants, plant products, things or substances shipped into the State in violation of any of the quarantines of the Missouri State Department of Agriculture or the United States Department of Agriculture, or any plants, plant products, things or substances as to which the provisions of the Missouri Plant Law have not been complied with, the agent in charge of such station or wharf shall at once notify the Plant Officer stating the nature of the shipment and the names and addresses of the consignor and of the consignee and shall hold such shipments pending instructions from the Plant Officer.

**Rule 8.**—Any shipment of nursery or greenhouse stock, herbaceous or bedding plants, or parts thereof, or other plants or plant products in the raw or unmanufactured state, except fruits, nuts, field, vegetable or flower seeds, which is shipped into this State from any foreign country or foreign possession of the United States, whether accompanied by a certificate of inspection or not, shall be inspected by the Plant Officer or his deputies, and any person who receives such shipment shall hold same unopened and subject to instructions from the Plant Officer.

**Rule 9.**—The Plant Officer or his duly authorized deputy may hold or cause to be held for inspection, as provided in Section 12374 and 12380 of the Missouri Plant Law, any plants, plant products, things or substances, regardless or whether such plants, plant products or substances are labelled or not in accordance with the rules and regulations of the Missouri State Department of Agriculture.

**Rule 10.**—All nurseries in the State shall be inspected at least once each year, except raspberry inspections which shall be made twice each year, by the Plant Officer or his duly authorized deputies, and a written notice of the findings of such inspection shall be given by the Plant Officer to the owner or manager of each nursery, as provided in Section 12374 of the Missouri Plant Law. Upon the inspection of a nursery and the proper fulfillment, by the nurseryman in charge thereof, of the requirements, prescriptions and conditions contained in the notice issued by the Plant Officer to said nurseryman, and, upon the full payment of the fees and costs prescribed in Rule 14, the Plant Officer shall issue a certificate of inspection, which shall be prominently posted at the place of business of the certificate holder.

**Rule 11.**—Besides the annual inspection of nurseries, other inspections may be made of any nursery within the State, when the Plant Officer deems such inspection necessary, and written notice of the findings of such inspections shall be given by the Plant Officer to the owner or manager of such nursery, as provided in Section 12374 of the Missouri Plant Law. Also whenever the findings of either an annual or other inspection of a nursery shall, in the opinion of the Plant Officer, warrant such action, an additional inspection of the nursery may be made for which the Plant Officer shall assess a fee as provided in Rule 14, and of which a written notice of the findings thereof shall be given by the Plant Officer to the owner or manager of such nursery, as provided in Section 12374 of the Missouri Plant Law. Upon failure of the nurseryman in charge of any nursery inspected, as provided in this rule, to comply with the requirements, prescriptions and conditions contained in the notice issued upon the findings of such inspection, or upon his failure to pay any fees or costs assessed against him for such inspection, in accordance with the rules and regulations of this Department, his certificate of inspection may be suspended or revoked at the discretion of the Plant Officer on approval of the Commissioner of Agriculture.

**Rule 12.**—Any person growing or selling plants or plant products, the inspection of which is not specifically provided for in the rules of the Department, may, upon request to the Plant Officer, have such plants or plant products inspected in the same manner and under the same conditions as provided in Rules 10 and 11 for the inspection of nurseries. The Plant Officer shall charge a fee sufficient to cover the cost of such inspection, provided, however, that no inspection shall be made for less than five dollars (\$5.00).

**Rule 13.**—For the purpose of nursery inspection each nurseryman in the State shall, on or before July first of each year, send to the Plant Officer written notice setting forth (a) the location of his nursery with reference to a town, (b) approximately the number of acres of growing stock, (c) the distance between blocks of growing stock when there are such blocks of stock located a mile or more from the home nursery, and (d) such other information as in his judgment the inspector may need to estimate the time required for inspection and in planning his nursery inspection tours. For failure to send such notice to the Plant Officer, on or before the first of July, the nurseryman shall be liable for the full cost of all traveling expenses incurred by the Plant Officer, or his deputies, in inspecting the nursery, together with the regular fees therefor as provided in Rule 14.

**Rule 14.**—The following regular fees shall be charged and assessed against each nurseryman for inspection of his nursery:

For the annual inspection of a nursery of one acre or less. . . . \$8.00  
 For each additional acre or part thereof. . . . . 1.00

For an inspection as provided in Rule 11 a fee of not less than \$5.00 shall be charged.

The following regular fees shall be charged and assessed for the inspection of strawberry plants:

For the annual inspection of one acre or less. . . . . \$5.00  
 For each additional acre or part thereof. . . . . 1.00

A special strawberry inspection certificate shall be issued to cover strawberry inspections, under the same general rules and regulations herein contained regulating the inspection and certification of other types of nursery stock.

**Rule 15.**—Annually the premises, (salesyard, packing shed, etc.), of each Nursery Dealer shall be inspected, one or more times, for the presence of dangerous insect pests or plant diseases, which may be disseminated on nursery stock. A fee of \$10.00 shall be charged and assessed against each Nursery Dealer for inspection of his premises.



**Rule 16.**—Annually each Nursery Dealer shall file with the Plant Officer an affidavit giving the name and address of all individuals or nurseries or other sources from which he secures his nursery stock.

**Rule 17.**—On complying with Rules No. 15 and 16, the Plant Officer shall issue a certificate of inspection, which shall be prominently posted at the place of business of the certificate holder.

**Rule 18.**—Annually each Nurseryman or Nursery Dealer shall file with the Plant Officer an "Agent's Affidavit," together with a complete list of agents operating in Missouri. This applies to non-resident Nurserymen and Nursery Dealers, as well as those in Missouri. Date for annually filing list is Oct. 1—supplementary list must be filed as additional agents are appointed.

**Rule 19.**—Before any review, as provided in section 12381, due notice in writing shall be given the Commissioner of Agriculture, and said Commissioner will in due time set the time and place of the review.

**Rule 20.**—Fumigating houses, boxes, and dipping vats, used by nurserymen for fumigating or dipping nursery stock, in compliance with the rules and regulations of this Department, must be tested and approved by the Plant Officer or his duly authorized deputies. All nursery stock required to be fumigated or dipped, under the rules and regulations of this Law, must be fumigated or dipped under the supervision and direction of the Plant Officer or his duly authorized deputies.

**Rule 21.**—Each nurseryman shall make a prompt report to the Plant Officer, of the amounts and kinds of nursery stock fumigated, dipped or otherwise treated.

**Rule 22.**—Any person not a nurseryman, but owning and desiring to ship or move a package of nursery stock, may obtain therefor a package certificate of inspection upon presenting such nursery stock to the Plant Officer for inspection. Such package of nursery stock will be forwarded only at the owner's expense. If such nursery stock is found to be free of insect pests and diseases, the Plant Officer will issue and cause to be affixed to the package containing such nursery stock a package certificate of inspection.

**Rule 23.**—Any nurseryman desiring to ship nursery stock into the State from any other state, territory or district of the United States, shall file with the Plant Officer an "Outside Nurseryman's Affidavit" and a satisfactory certificate of inspection covering such nursery stock together with a \$5.00 registration fee. The Plant Officer shall then issue a permit certificate of inspection.

**Rule 24.**—Nursery stock purchased in other states and shipped into Missouri under a Missouri Nursery Permit Certificate may be transported by Missouri nurserymen under their own certificates.

**Rule 25.**—Missouri nurserymen are required, on request of the Plant Officer, to furnish a complete list of the names of firms or individuals from whom they receive nursery stock.

**Rule 26.**—A certificate issued by the Plant Officer is not transferable. It is issued for the exclusive use of the party or firm named in said certificate.

**Rule 27.**—Growers of greenhouse plants who wish to make shipments into states requiring that an inspection certificate accompany such plants may have the greenhouse, premises and plants inspected by making application for same.

**Rule 28.**—Greenhouse certificates shall be valid for not more than six (6) months.

**Rule 29.**—The following fees shall be charged and assessed against each greenhouse owner for the semi-annual inspections of his greenhouse:

|                                                                                    |        |
|------------------------------------------------------------------------------------|--------|
| For the inspections of a greenhouse 50,000 square feet or less..                   | \$8.00 |
| For the inspections of a greenhouse 50,001 to 100,000 square feet.....             | 10.00  |
| For the inspections of each additional 100,000 square feet or portion thereof..... | 5.00   |

**Rule 30.**—The inspection of all varieties of raspberry plants shall be made under the following conditions and in the following manner:

All diseases of the virus type, and orange rust, except the so-called "mild mosaic" of black and purple raspberry, are designated injurious systemic diseases, and the presence of any of them constitutes "infection" within the meaning of this regulation. Nursery inspection certificates covering raspberry plants will be issued only:



(a) When the plantings have been inspected twice during the previous summer with an interval of at least thirty (30) days between inspections, and less than eight (8) per cent of the plants have been found infected at the first inspection and less than two (2) per cent on second inspection.

(b) When all visibly infected plants have been eradicated.

(c) When no infected plants occur within fifteen (15) rods of those certified, provided that orange rust or streak within fifteen (15) rods shall not disqualify red raspberries from certification.

**Rule 31.**—Should any grower desire to secure inspection and certification of seed sweet potatoes, the following regulations are applicable to such inspection and certification:

(a) Any grower in the State of Missouri may make application for inspection.

(b) Two (2) inspections will be required, one in the field prior to harvest and another prior to disposal of the seed.

(c) The following regular fees shall be charged and assessed against each grower requesting certification of seed sweet potatoes:

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| For the inspection of two acres or less . . . . .                  | \$2.00 |
| For each additional acre or part thereof to five acres . . . . .   | 1.00   |
| For each additional acre or part thereof over five acres . . . . . | .50    |

(d) If the sweet potatoes pass inspection in the field, and in the bin, a certificate will be issued to the grower. In disposing of his certified seed, the grower will attach a copy of the certificate to each separate basket, crate or container holding certified seed.

(e) The requirements for certification shall be:

(1) Varietal purity. No tolerance of other varieties shall be allowed. Each field must be rouged for other varieties. Failure to do so will disqualify.

(2) Freedom from sweet potato weevil.

(3) Freedom from stem rot disease. The Plant Officer is authorized to establish a maximum tolerance of black rot infection, which shall not exceed two (2) per cent.

(4) Freedom from black-rot disease. The Plant Officer is authorized to establish a maximum tolerance of black-rot infection, which shall not exceed two (2) per cent.

(5) Freedom from all other diseases, including scurf, pox, charcoal rot, etc. The Plant Officer is authorized to establish a maximum tolerance of infection, which shall not exceed two (2) per cent.

(f) The Plant Officer is authorized to establish a total maximum of not more than four (4) per cent of all diseases to disqualify.

(g) In addition to the above regulations the grower will comply with the following, and sign an affidavit to the effect that:

(1) He has treated his seed with a solution of 1 ounce of corrosive sublimate to 8 gallons of water for 10 minutes before bedding.

(2) He has used new, clean soil in his hotbed.

(3) He has sterilized the framework of his hotbed with a wash of one pint of formaldehyde to 30 gallons of water.

(4) He has hill-selected his seed for his own planting to avoid stem rot and to breed a better type and higher-yielding strain.

(5) He has fumigated his cellar before storing his seed.

(6) He will not sell or offer for sale as "certified seed sweet potatoes" that have not passed inspection.

(7) He will conform to any additional regulations that the Plant Officer may see fit to prescribe.

**Rule 32.**—The Plant Officer may issue a certificate of inspection covering sweet potato slips, to any person who shall grow his sweet potato slips from seed sweet potatoes for which a certificate of inspection was issued under provision of Rule 31, and when such seed sweet potatoes were bedded in accordance with provision (g) of Rule 31. Certificates issued under provisions of this rule shall be granted on condition that the certificate holder sells only certified sweet potato slips.

(a) In disposing of certified sweet potato slips a copy of the certificate must be attached to each separate bundle, package, basket, crate or container holding certified sweet potato slips.

(b) An inspection fee of \$5.00 shall be charged to the grower.

**Rule 33.**—It shall be illegal for any individual or company to ship or transport into the State of Missouri seed sweet potatoes, sweet potato plants, slips, vines or cuttings unless each package has attached thereto a Permit

Certificate issued by the Plant Officer of the Missouri State Department of Agriculture. It is further provided that the said individual or company file with the Plant Officer of the Missouri State Department of Agriculture a "Grower's Affidavit" and a copy of a certificate of inspection issued by the proper authorities within the State in which the said seed sweet potato plants, slips, vines, or cuttings were grown, certifying to the fact that an authorized inspector has inspected the said plants or plant parts and found them to be free from dangerous diseases and insect pests. On complying with the foregoing requirements, the Plant Officer of the Missouri State Department of Agriculture, will issue a permit certificate for which a fee of One Dollar (\$1.00) will be charged.

**Rule 34.**—Any plants, plant products or any other material moving or moved into the State of Missouri in violation of a United States Department of Agriculture plant quarantine or plant quarantine regulation shall be and is a violation of the Missouri Plant Law and such material, plants and plant products shall be held and disposed of under the direction of the Plant Officer in accordance with the rules of the Commissioner of Agriculture.

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## QUARANTINES UNDER THE MISSOURI PLANT LAW

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### INTRASTATE QUARANTINE NO. 1.—JAPANESE BEETLE.

#### Quarantine and Regulations Pertaining to the Japanese Beetle.

I, J. C. Breshears, Commissioner of Agriculture, have determined that an infestation of the Japanese Beetle (*Popillia japonica*, Newm) exists in a part of the city of St. Louis. Accordingly, under the authority of Senate Bill 42, pages 166 to 168, inclusive, Laws of Missouri, 1933, and Article 3, Chapter 87, R. S. Missouri, 1929, the following quarantine and regulations are issued to provide for the suppression or eradication of this infestation and to prevent its spread to uninfested parts of the State.

**Regulation 1. Infested areas.**—These regulations apply to two areas in the city of St. Louis bounded as follows:

(a) Beginning at the center of the intersection of Pestalozzi Street and Minnesota Avenue; thence westerly along Pestalozzi Street to the center of Grand Boulevard; thence northerly along Grand Boulevard to the center of Magnolia Avenue; thence westerly along Magnolia Avenue to the center of Kingshighway Boulevard; thence southerly along Kingshighway Boulevard to the center of Pernod Avenue; thence westerly along Pernod Avenue to the center of Macklind Avenue; thence southerly on Macklind Avenue to the center of Chippewa Street; thence easterly along Chippewa Street to the center of Morgan Ford Road; thence southerly along Morgan Ford Road to the center of Bingham Avenue; thence southeasterly along Bingham Avenue to the center of Grand Boulevard; thence northerly along Grand Boulevard to the center of Meramec Street; thence easterly along Meramec Street to the center of Minnesota Avenue; thence northerly along Minnesota Avenue to the point of beginning.

(b) Beginning at the center of the intersection of Marine Avenue and Winnebago Street; thence northerly along Marine Avenue to the center of Broadway; thence northeasterly along Broadway to the center of President Street; thence southeasterly along President Street to the center of Kosciusko Street; thence southwesterly along Kosciusko Street to the center of Winnebago Street; thence northwesterly along Winnebago Street to the point of beginning.

**Regulation 2.** No nursery, ornamental, or greenhouse stock, or other plants, plant roots, or sand, soil, earth, peat, compost, or manure, shall be transported in any manner from the said infested areas to any point outside thereof either to or through any other part of the city of St. Louis, or of the State of Missouri, unless a special permit shall have been issued therefor by the Missouri State Department of Agriculture.

**Regulation 3.** Such permits will be issued only on condition that the articles to be transported have been freed from soil or any other material which could transport the Japanese Beetle, or that such soil or other material has been sterilized or otherwise treated to eliminate said infestation.

**Regulation 4.** The Plant Officer of the State Department of Agriculture and deputies working under his direction are authorized to apply such treatments to plants or soil within the infested areas and to set up such beetle traps either inside or outside the infested areas as may in his judgment be necessary for the suppression of the Japanese Beetle and for the determination of its distribution.

This quarantine and regulations shall be effective on and after October 15th, 1934.

Done at the city of Jefferson City, this 10th day of October, 1934.

Witness my hand. J. C. BRESHEARS,  
Commissioner of Agriculture.



**INTERSTATE QUARANTINE NO. 2—ALFALFA WEEVIL.**

(Revised)

WHEREAS, the fact has been determined by the Commissioner of Agriculture of the Missouri State Department of Agriculture that a seriously injurious insect, known as the Alfalfa Weevil (*Phytonomus posticus* Gyll.), not now known to be distributed in the State of Missouri, is present in the States and Counties hereinafter designated as the infested district, and that its introduction into the State of Missouri would result in serious loss and damage to the agricultural resources and to the general welfare of the State;

THEREFORE, under the authority conferred by chapter 87, articles 1 and 3, Revised Statutes of Missouri, 1929, and Senate bills No. 42 and No. 45 of the Laws of Missouri, 1933, I, J. C. Breshears, the Commissioner of Agriculture in and for the State of Missouri, establish a quarantine against the said infested district, and forbid the importation of the living Alfalfa Weevil or any stage thereof, of alfalfa in all forms, and all kinds of hay or straw, as provided, in the following quarantine regulations:

1—For the purpose of these regulations, the infested district shall be construed to mean the following States or Counties, subject to such amendments as shall be made in the future by official order, namely:

NEVADA—The entire State, excepting Clark County.

UTAH—The entire State.

CALIFORNIA—The Counties of Plumas, Sierra, Alpine, Santa Clara, Alameda, Mono, Siskiyou, Lassen, Merced, Contra Costa, Stanislaus and San Joaquin.

COLORADO—The Counties of Delta, Garfield, Gunnison, Mesa, Montrose, Moffat, Ouray, Rio Blanco, Routt, and San Juan.

IDAHO—The Counties of Ada, Adams, Bannock, Bear Lake, Bingham, Blaine, Boise, Bonneville, Butte, Clark, Custer, Camas, Canyon, Caribou, Cassia, Elmore, Franklin, Fremont, Gem, Gooding, Jefferson, Jerome, Lincoln, Madison, Minidoka, Oneida, Owyhee, Payette, Power, Teton, Twin Falls, and Washington.

OREGON—The Counties of Malheur, Baker, Josephine and Jackson.

WYOMING—The Counties of Albany, Carbon, Converse, Fremont, Goshen, Hot Springs, Laramie, Lincoln, Natrona, Niobrara, Platte, Sweetwater and Uinta.

2—The importation, directly or indirectly, including their use as packing material or for any other purpose, of alfalfa hay as such or other hay of any kind, cereal straw, which has been grown or stored in the infested district, is prohibited.

3—The importation, directly or indirectly, into Missouri of alfalfa meal, grown, ground or stored in the infested area, is hereby forbidden, except under the following conditions:

(a) The shipper must obtain for each shipment a certificate in triplicate signed by the official inspector of the State of origin or his duly authorized deputy, certifying:

- (1) That the mill, or mills, in which the products were ground, are registered as accredited mills with the Department of Agriculture or other State quarantine officer of the State in which they are located; that they are so constructed, situated and managed, and that the products after being milled are so handled as to prevent, as far as practicable, the meal and containing bags from becoming infested with Alfalfa Weevil.
- (2) That the product was shipped immediately after being milled; or if stored before shipment, it was stored in a warehouse remote from growing alfalfa, alfalfa hay, other hay, straw or other means of contamination.
- (3) That it was sacked in new or re-cleaned sacks.
- (4) That the car was thoroughly cleaned before being loaded.

(b) The shipper or the inspector of the State of origin must:

- (1) Mail to the Plant officer, Missouri State Department of Agriculture, Jefferson City, Missouri, the original certificate issued by the proper official of the State of origin, with the name and address of the consignee and the date when the shipment was made.
- (2) Attach to each car or parcel the duplicate copy of the certificate.
- (3) Attach to the waybill the triplicate of the certificate.

4—Any product or material imported into the State of Missouri in violation of these regulations is subject to destruction or return to the point of origin at the discretion of the Commissioner of Agriculture of the Missouri State Department of Agriculture.

5—Any common carrier, person, firm or corporation who shall import material into the State of Missouri in violation of these regulations is subject to the penalties named in Article 3, Chapter 87, Revised Statutes of Missouri, 1929.



"Quarantine on Account of the Alfalfa Weevil No. 2" and any and all supplements thereto issued by the former Missouri State Board of Agriculture concerning the Alfalfa Weevil are hereby declared void, superceded by this quarantine, entitled "Interstate Quarantine No. 2."

This notice and quarantine effective, November 15th, 1934.

Done in the State Capitol, Jefferson City, Missouri, on November 10th, 1934.

J. C. BRESHEARS,  
Commissioner of Agriculture.

### INTERSTATE QUARANTINE NO. 3—EUROPEAN CORN BORER.

(Revised.)

WHEREAS, the fact has been determined by the Commissioner of Agriculture of the Missouri State Department of Agriculture that a seriously injurious insect pest, known as the European Corn Borer (*Pryausta nubilalis*, Hubn.), not now known to be distributed in the State of Missouri, is present in the States hereinafter designated as the "infested district," and that its introduction into the State of Missouri would result in serious loss and damage to the agricultural resources and to the general welfare of the State, especially as to corn, sorghums, broomcorn, sudan grass (including all parts of the plants) and certain other plants:

THEREFORE, under the authority conferred by Chapter 87, Articles 1 and 3, Revised Statutes of Missouri, 1929, and Senate Bills No. 42 and No. 45 of the Laws of Missouri, 1933, I, J. C. Breshears, as Commissioner of Agriculture in and for the State of Missouri, establish a quarantine against the said infested district, and forbid the importation into Missouri of the living European Corn Borer or any stage thereof, or the importation into Missouri of certain products, as provided in the following "Interstate Quarantine No. 3—European Corn Borer" regulations:

1—INFESTED DISTRICT.—For the purpose of this quarantine and regulations, the infested district shall be construed to mean the following States, subject to such amendments as may be made in the future by official order, namely: Maine, New Hampshire, Massachusetts, Connecticut, Rhode Island, Vermont, New York, Pennsylvania, New Jersey, Ohio, West Virginia, Michigan, and Indiana.

2—PRODUCTS QUARANTINED.—It is hereby ordered that no person, firm or corporation shall receive or accept for shipment, transport, sell or offer for sale, give away, deliver, or permit to exist on his or its premises the following:

- (a)—Any corn stalks, ears, cobs or other parts of debris of corn or broomcorn plants, or sorghums or sudan grass, (excepting clean shelled corn, broomcorn seed, sorghum seed and sudan grass seed, free from plant debris), originating in the infested area.
- (b)—Lima beans in the pod, green beans in the pod, beets with tops, and rhubarb; cut flowers or entire plants of chrysanthemums and asters; cut flowers or entire plants of gladiolus and dahlia, except the roots, bulbs or corms thereof, without stems, which have been grown or stored in the infested area.

3—PROVIDED, that plants or plant products covered by this quarantine order may be admitted to the State of Missouri, when they shall have been manufactured or processed in such manner as to eliminate all risk of carriage of the European Corn Borer, and that the plants named in paragraph 2-b above may be admitted when they have been inspected and certified by a duly authorized state or federal inspector to be free from the European Corn Borer and are contained in a car, box, bale, or other container to which is attached a copy of such certificate. Provided, further, that no restrictions are placed on the movement into Missouri of cut flowers or whole plants of chrysanthemums, asters, and dahlias from January 1 to April 30, inclusive, provided they contain no part of the previous year's stems.

4—Any plant material or plant products imported into the State of Missouri in violation of this quarantine must be destroyed or returned to the point of origin, at the discretion of the Commissioner of Agriculture of Missouri.

5—Any common carrier, or other carrier, person, firm, or corporation, who shall import materials into the State of Missouri, in violation of this quarantine and these regulations, shall be subject to the penalties named in Article 3, Chapter 87, Revised Statutes of Missouri, 1929, as amended 1933.

6—PROVIDED, FURTHER, notice is hereby given that "Quarantine No. 3 on Account of the European Corn Borer," and any and all supplements thereto issued by the former Missouri State Board of Agriculture concerning the European Corn Borer, are hereby declared null and void, superceded by this Quarantine, entitled "Interstate Quarantine No. 3—European Corn Borer."

This quarantine and notice effective, December 1st, 1934.

Done in the State Capitol at Jefferson City, Missouri, November 21st, 1934.

J. C. BRESHEARS,  
Commissioner of Agriculture.

## CENTRAL PLANT BOARD RECOMMENDATIONS.

## Central Plant Board Recommendations Approved by the Commissioner of Agriculture, Subject to Amendments.

The Commissioner of Agriculture of the Missouri State Department of Agriculture has generally approved the plant disease and insect pest control methods, as recommended by the Central Plant Board, which is one of the four regional plant boards in the United States, composed of state entomologists, state horticultural inspectors, plant officers, and other quarantine officers from the States of Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota and Wisconsin. At the meeting of the Central Plant Board in St. Louis, (March 3, 1928), a list of nursery pests was prepared, and the precautionary or control measures to be taken in connection with each was recommended. The Commissioner of Agriculture has approved and will follow these recommendations, insofar as they are applicable to the State of Missouri, (subject to amendments without previous notice), as follows:

1. **San Jose Scale** (*Aspidiotus perniciosus*). All stock on which the inspector detects the San Jose scale by a plant-to-plant inspection may be destroyed or quarantined and treated, and all trees and shrubs of the following genera and species:

*Amelanchier*, *Aronia*, *Cornus*, *Crataegus*, *Cydonia*, *Prunus*, *Pyrus*, *Rhamnus*, *Ribes*, *Rosa*, *Sorbus*, *Spirea sorbifolia*, *Spirea billardi*, exposed to infestation, must, before they are removed from the nursery, be treated in one of the following ways: Dip tops down to roots in a dip consisting of 1 gallon of a miscible oil and 15 gallons of water, or 3½ gallons of a standard lubricating-oil emulsion and 96½ gallons of water, except that where shipment is going to a state where fumigation is required such stock must be fumigated.

A report of the amounts and kinds of stock dipped, and the dip used, must be filed in the office of the inspection official. Premises outside the nursery must be kept free from the scale.

2. **Forbes Scale** (*A. forbesi*), **Putnam Scale** (*A. ancyllus*), **Walnut Scale** (*A. juglans-regiae*), **Fernald Scale** (*A. fernaldi*), **Etc.** Trees and shrubs visibly infested with the Forbes scale, the Putnam scale, the Walnut scale, the Fernald scale, etc., must be dipped in or thoroughly sprayed with a miscible oil or boiled lubricating-oil emulsion, as for San Jose scale, before being sent out from the nursery.

3. **Scurfy Scale** (*Several species, but not the pine-leaf scale.*) Trees and shrubs badly infested with any of the scurfy scales must not be sent out from the nursery. Trees and shrubs slightly infested may be sent out after being dipped in or sprayed with a miscible oil or lubricating-oil emulsion, used 1 to 10.

4. **Pine-leaf Scale** (*Chionaspis pinifolia*). Trees infested with pine-leaf scale must be destroyed or the block quarantined and treated and not allowed to move until free from scale.

5. **Oyster-shell Scale** (*Lepidosaphes ulmi*). A plant-to-plant inspection must be made and trees and shrubs infested with the oyster-shell scale must be destroyed or the block quarantined until freed from scale.

6. **Rose Scale** (*Aulacaspis rosae*). A plant-to-plant inspection must be made and bushes badly infested with the rose scale must be destroyed, and no infested plants may be sold and delivered until freed from the scale.

7. **European Elm Scale** (*Gossyparia spuria*). Trees infested and the blocks in which they occur should be destroyed or quarantined and treated at the discretion of the inspector. Under no circumstances should trees from infested blocks be allowed to move.

8. **Cottony Maple Scale** (*Pulvinaria vitis*). Trees in infested blocks of maple must be dipped in or sprayed with a winter-strength miscible oil or lubricating-oil emulsion before being delivered.

9. **Wooly Aphis** (*Eriosoma lanigera*). Trees whose roots bear knots or galls caused by the wooly aphis must not be sent out from the nursery. Other trees visibly infested with the wooly aphis must not be sent out until treated in one of the following ways: Tops and roots dipped in black-leaf 40 (or any 40 per cent nicotine solution) 9 ounces, boiled lubricating-oil emulsion ½ gallon, and water 50 gallons; or in black-leaf 40, 9 ounces, soap 1½ pounds, and water 50 gallons.

10. **Strawberry Root Aphis** (*Aphis forbesi*). No strawberry plants from patches generally infested with this insect may be sent out under the certificate.

11. **Strawberry Root Worms** (*Several species*). No strawberry plants from patches generally infested should be certified. All soil shall be removed from the roots of plants taken from slightly infested patches before delivery.



12. **Strawberry Crown Borer** (*Tyloderma fragariae*). Patches badly infested should not be certified. All soil must be washed from the roots of plants taken from lightly infested patches.

13. **Peach-tree Borer** (*Aegeria ex-tiosa*), **Round-headed Apple-tree Borer** (*Saperda candida*), **Flat-headed Apple-tree Borer** (*Chrysobothris femorata*), **Poplar and Willow Borer** (*Crytortynchris lapathi*), and **Other Borers in Trees and Shrubs**. Trees or shrubs infested with borers must not be sent out from the nursery.

14. **Pear Blister Mite** (*Eriophyes pyri*). Infested trees must be thoroughly sprayed with or dipped in winter-strength lime-sulphur, this treatment to be applied to dormant stock after the leaves have fallen. Special care should be taken to cover thoroughly the terminal buds.

15. **Spruce Bud Worm** (*Homomologa furniferana*). Trees infested with the bud worm must not be sent out from the nursery. Small trees in which it is practicable to remove infested parts by hand may be sent out after the insects have been removed.

16. **European Pine-shoot Moth** (*Evretia buoliana*). Infested shoots shall be cut out and burned before trees are delivered.

17. **Pear Blight, or Twig Blight of Apple** (*Bacillus amylovarus*). Nursery trees, the bodies of which are affected with this disease, must not be sent out from the nursery.

18. **Anthraxnose** (*Glaeosporium venetum*). Raspberry and blackberry canes affected with anthracnose must not be sent out from the nursery. Patches badly affected must not be certified.

19. **Mosaic, Bramble Streaks, Leaf Curl**. Certification of raspberry plantings shall be in accordance with the recommendations approved by the Central Plant Board.

20. **Orange Rust** (*Gymnoconia interstitialis*). All infested plants must be grubbed out and destroyed as soon as the rust appears.

21. **Poplar Canker** (*Dothichiza pupulea*). All diseased trees must be destroyed.

22. **Crown Gall and Callous Growths**. Trees or plants bearing galls, either hard or soft, on trunks, crowns, or main roots, must be destroyed. Slight malformations, when the tree has made a good growth, should not condemn a tree.

23. **Apple Blotch** (*Phyllosticta solitaria*). Trees, the bodies of which are affected with blotch, must not be sent out from the nursery.

24. **Strawberry Leaf-spot**. (*Microsphaerella fragariae*). Care should be taken to select plants free from disease.

25. **Other Dangerous Insects and Plant Diseases**. Appropriate precautionary measures shall be taken with respect to each when it appears.

26. Pests affecting herbaceous perennials and green-house plants, other than those listed above, shall be treated in accordance with the recommendations of the Plant Officer in charge.

27. Any newly introduced pest, and any other pest injurious to plants which may be found in a nursery and which may be distributed on nursery stock, shall be considered dangerous and adequate precautionary measures shall be required when found in a nursery.

When the precautionary measures prescribed above shall require the destruction of plants, the satisfactory performance of the work will be verified by a personal visit of the inspector. The nurseryman may be permitted to take other precautionary measures provided he signs a statement specifically agreeing to do so faithfully, and provided he has approved and adequate fumigating and dipping equipment, and the proper chemicals and insecticides for treating stock when treatment by fumigation or dipping is required.

In addition to the above, the Central Plant Board made recommendations for the inspection and certification of greenhouse plants and hardy outdoor perennials, and the inspectors of the State Department of Agriculture, will, when inspecting greenhouses and outdoor perennials be governed, as far as is practical, by the following recommendations:

1. Greenhouses infested with the Surinam roach (*Pycnoscelus surinamensis* Linn.) shall not be certified.

2. Roses in any house or individual range showing infestation of the rose midge (*Dasyneura rhodophaga* Coq.) or with strawberry rootworm (*Paria canella* var. *quadrinata* Say and *gilvipes* Crotch) should not be certified until eradication methods have been carried out, and freedom from such pests has been determined by a subsequent inspection. Such inspection in case of the rose midge should not be made less than two weeks after eradication efforts have been completed.

3. The above regulation should apply to chrysanthemums in individual houses infested with the chrysanthemum midge (*Diarthronomyia hypogaea* F. Low), to orchids infested with the cattleya fly (*Eurytoma orchidearum* Westw.), or any of the orchid weevils (*Eucactophaygus weissii* Champ., *Acythopeus orchivora* Blackb., *Cholus cattleyae* Champ., *Diorymerellus laevimargo* Champ.), to orchids infested with the cattleya midge (*Paralelodioplosis cattleyae* Moll.), orchid plant bug (*Tenthecoris bicolor* Scatl.) or orchid thrips (*Euthrips orchidii* Moul.); to ferns infested with the Florida fern caterpillar (*Calloptisia floridensis* Guen.); to violets infested with the violet gall fly (*Diplosis violicola* Coq.); or to any green-house plants infested with nematodes, either on roots or in leaves.



Palms of various kinds, dracenas and pandanus, ferns of various kinds, and other tropical plants which are often infested with various scale insects, should not be certified until the infested plants have been separated from the uninfested plants and until such segregation has been varified by a subsequent inspection. Plants visibly infested should not be allowed to move under certificate.

Plants moving from the Southern States into northern greenhouses should be certified free from scale insects, the Argentine ant (*Iridomyrmex humilis* Mayr.), the crazy ant (*Prenolepis longicornis* Latr.) and other tropical species not yet widely distributed.

Qualified certification of greenhouse plants lightly infested with thrips (*Heliothrips haemorrhoidalis* Bouche, *Thrips tabaci* Dind. and *Euthrips tritici* Fitch), red spider (*Tetranychus telarius* Linn.), greenhouse leaf-tyer (*Phlyctaenia ferrugalis* Hb.), rose or oblique-banded leaf-roller (*Cacaecia rosaceana* Harr.), plant lice, mealy bugs (*Pseudococcus citri* Risso and *P. andonidum* Linn.), and Cyclamen mite (*Tarsonemus pollidus* Bandas) should be considered. Light infestations are those where no economic or readily noticeable damage has been done. Such qualified certification should be at the discretion of the inspector and should be dependent upon the general conditions of the greenhouse and the attitude of the owner and his co-operation in carrying out recommended control measures. If advisable in the case of leaf-eating insects dipping in, or spraying or dusting with arsenate of lead, and in the case of sucking insects the use of contact insecticides may be required as conditions of certification.

In the case of greenhouse plant diseases, no snapdragons showing rust should be certified. Roses and other plants showing crown gall, either of bacterial or physiological origin, should not pass in excess of two per cent of the shipment. Geraniums visibly invested with bacterial spot (*Pseudomonas erodii* Lewis) should not be certified until the disease has been eliminated or the dis-

eased varieties segregated. Qualified certification should be given in the case of light infestations of carnation rust, mildew on roses and black spot on roses. Much more work needs to be done on diseases attacking greenhouse plants, and in the meantime it is a safe policy not to certify any plants showing considerable trouble with disease, no matter what the origin of said disease may be, *i. e.*, cultural, physiological or caused by some organism.

On out-of-door plants, preventing the distribution of the following insects and plant diseases is desirable:

On Iris, no spring shipments should be allowed from gardens showing infestation of the Iris root borer (*Macronoctua onusta* Grote). During the regular shipping season (July-October) the grower can eliminate all borers from plants sent out, if he is careful. In case of heavily infested gardens, where the grower is careless, certificate should be withheld.

No certificate should be granted in the case of varieties of peonies infested with nematodes, showing dwarfing and the multiplication of eyes.

Peony roots infested with any of the fungous root rots (*Fusarium* sp. *Botrytis* spp. and *Sclerotium* sp.) should not be tolerated in certified shipments.

Gladiolus corms infested with plant lice or mealy bugs should not be certified until after they have been dipped in nicotine-oleate solution and the insects killed.

Bulbs showing infestation of any of the gladiolus bulb diseases, *Fusarium* base rot (*Fusarium* sp.), hard rot (*Septoria gladioli* Pass.), dry rot (*Sclerotium* sp.), and bacterial spot, also called stem rot, and scab (*Bacterium marginatum* McC.) should be carefully sorted and not more than one per cent infested corms should be tolerated in any shipment. All bulbs should be treated in a 1-75 formaldehyde solution or a 1-50 solution of Samisen after sorting as a requirement for certification.

## REGULATIONS ON TRANSPORTATION OF NURSERY STOCK.

Every state in the Union, as well as foreign countries, have laws and regulations governing the inspection, certification and transportation of nursery stock. Conditions are different in each state, and, as a result, state regulations are varied, although they all have as a common objective, the control and prevention of the spread of dangerous insect pests and destructive plant diseases. These out-of-state rules and regulations are continually changing, and the nurserymen and dealer and grower of plant products must keep himself posted on the requirements of the states in which he intends to do business.

For the Missouri nurseryman considering the shipping of nursery stock into other states, we have outlined a few of the other State regulations, not as a guide to be followed, but rather to give some idea of the nature of state requirements.

To ship nursery stock into the following states, it is necessary to file duplicate inspection certificates with their respective departments:

|              |                 |                 |
|--------------|-----------------|-----------------|
| Alabama,     | Maryland,       | Ohio,           |
| Arkansas,    | Massachusetts,  | Oklahoma,       |
| Connecticut, | Michigan,       | Pennsylvania,   |
| Florida,     | Minnesota,      | South Carolina, |
| Georgia,     | Mississippi,    | South Dakota,   |
| Idaho,       | Nebraska,       | Tennessee,      |
| Illinois,    | New Mexico,     | Texas,          |
| Indiana,     | New York,       | Virginia,       |
| Iowa,        | North Carolina, | Wisconsin,      |
| Kentucky,    | North Dakota,   | Wyoming.        |
| Louisiana,   |                 |                 |

The filing of bond is required in the following states:

|               |         |               |         |
|---------------|---------|---------------|---------|
| Arkansas..... | \$1,000 | Montana.....  | \$1,000 |
| Georgia.....  | 1,000   | Oklahoma..... | 1,000   |
| Idaho.....    | 2,000   | Wyoming.....  | 500     |
| Utah.....     | 500     |               |         |

The following states require the payment of fees for registration of out-of-state Nursery inspection certificates:

| <i>State.</i>     | <i>Registration Fee.</i>                                                     | <i>Agent's Fee.</i>                     |
|-------------------|------------------------------------------------------------------------------|-----------------------------------------|
| Alabama.....      | \$10.00                                                                      | \$1.00                                  |
| Arkansas.....     | 2.50 (Write for tag prices)                                                  | 5.00 Registration fee \$1.00 per agent. |
| Georgia.....      | 5.00                                                                         | 1.00                                    |
| Idaho.....        | 15.00                                                                        | 1.00                                    |
| Iowa.....         | 5.00                                                                         | ....                                    |
| Kentucky.....     | 5.00                                                                         | 5.00                                    |
| Maine.....        | 5.00                                                                         | ....                                    |
| Michigan.....     | 25.00                                                                        | 1.00                                    |
| Montana.....      | 25.00 and<br>10.00 per car for inspection.<br>(Smaller lots proportionally). | ....                                    |
| Nebraska.....     | ....                                                                         | 1.00                                    |
| New Mexico.....   | 5.00                                                                         | 5.00                                    |
| Ohio.....         | 5.00                                                                         | 1.00                                    |
| Oklahoma.....     | 5.00                                                                         | ....                                    |
| South Dakota....  | 10.00                                                                        | 1.00                                    |
| Texas.....        | 5.00                                                                         | ....                                    |
| Utah.....         | 10.00                                                                        | ....                                    |
| Virginia.....     | 10.00 (Write for tag prices.)                                                | 1.00                                    |
| Washington.....   | 5.00                                                                         | 1.00                                    |
| West Virginia.... | 20.00                                                                        | ....                                    |
| Wyoming.....      | 15.00                                                                        | ....                                    |

In addition, there are many State and Federal Quarantines. Some of the more important Federal Quarantines affecting the shipment of nursery stock are as follows: White Pine Blister Rust, Quarantine No. 63; Black Stem Rust of Grains, Quarantine No. 38; Gypsy Moth and Brown-Tail Moth, Quarantine No. 45; Japanese Beetle, Quarantine No. 48; Satin Moth, Quarantine No. 53; Woodgate Rust, Quarantine No. 65; and Narcissus Bulbs, Quarantine No. 62. Copies of Federal Quarantines may be obtained by addressing the Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture, Washington, D. C.

State Quarantines cover the movement of plants and plant products that might carry plant diseases and insect pests not regulated in Federal Quarantines and that in the opinion of state officials would create a menace to the agricultural interests of the state, if introduced.

Before shipments are made to out-of-state customers, the shipper should always consult the Plant Inspector of the State in question. For convenience, a list of the officers in charge of inspection and quarantine service of the various states is given below, as of January 1, 1935:

- Alabama—B. P. Livingston, Chief, Division of Plant Industry, Montgomery.  
Arizona—D. C. George, State Entomologist, Phoenix.  
Arkansas—P. H. Millar, Chief Nursery Inspector, Little Rock.  
California—A. C. Fleury, Chief Quarantine Officer, Sacramento.  
Colorado—George M. List, State Entomologist, Fort Collins.  
Connecticut—W. E. Britton, State Entomologist, New Haven.  
Delaware—Ralph C. Wilson, Secretary, State Board of Agriculture, Dover.  
Florida—J. C. Goodwin, Nursery Inspector, State Plant Board, Gainesville.  
Georgia—M. S. Yeomans, State Entomologist, Atlanta.  
Idaho—W. H. Wicks, Director, Bureau of Plant Industry, Boise.  
Illinois—P. A. Glenn, Chief Plant Inspector, Division of Plant Industry, Urbana.  
Indiana—Frank N. Wallace, State Entomologist, Indianapolis.  
Iowa—Carl J. Drake, State Entomologist, Ames.  
Kansas—Geo. A. Dean, Entomologist, Entomological Commission, Manhattan.  
Kentucky—W. A. Price, State Entomologist, Lexington.  
Louisiana—W. E. Anderson, State Entomologist, Baton Rouge.  
Maine—Stanley L. Painter, State Horticulturist, Augusta.  
Maryland—E. N. Cory, State Entomologist, College Park.  
Massachusetts—R. H. Allen, Director, Division of Plant Pest Control, State House, Boston.  
Michigan—E. C. Mandenberg, Orchard and Nursery Inspection, Department of Agriculture, Lansing.  
Minnesota—A. G. Ruggles, State Entomologist, University Farm, St. Paul.  
Mississippi—R. P. Colmer, Chief Inspector, State College.  
Missouri—J. Carl Dawson, Plant Officer, Jefferson City.  
Montana—George L. Knight, Chief, Division of Horticulture, Missoula.  
Nebraska—L. M. Gates, Entomologist, State Department of Agriculture, Lincoln.  
Nevada—George G. Schweis, Division of Plant Industry, Gladianos Building, Reno.  
New Hampshire—W. C. O'Kane, Deputy Commissioner of Agriculture, Durham.  
New Jersey—Harry B. Weiss, Bureau of Plant Industry, State Department of Agriculture, Trenton.  
New Mexico—R. F. Crawford, Plant Quarantine and Regulatory Office, State College.  
New York—B. D. Van Buren, Bureau of Plant Industry, Department of Agriculture, Albany.  
North Carolina—R. W. Leiby, Entomologist, State Department of Agriculture, Raleigh.  
North Dakota—J. A. Murno, Entomologist, Agriculture College, Fargo.  
Ohio—W. W. Ellenwood, Chief, Division of Plant Industry, Department of Agriculture, Columbus.  
Oklahoma—R. E. Montgomery, State Nursery Inspector, Oklahoma City.  
Oregon—Charles A. Cole, Chief Division of Plant Industry, Department of Agriculture, Salem.  
Pennsylvania—R. H. Bell, Director, Bureau of Plant Industry, Harrisburg.  
Rhode Island—A. E. Stene, State Entomologist, State House, Providence.  
South Carolina—Franklin Sherman, Entomologist, South Carolina State Crop Pest Commission, Clemson College.  
South Dakota—C. A. Russell, Secretary of Agriculture, Pierre.  
Tennessee—G. M. Bentley, State Entomologist and Plant Pathologist, Knoxville.  
Texas—J. M. Del Curto, Chief Entomologist, Department of Agriculture, Austin.  
Utah—Earl Hutchings, State Agricultural Inspector, Department of Agriculture, Salt Lake City.  
Vermont—M. B. Cummings, State Nursery Inspector, Burlington.  
Virginia—G. T. French, State Entomologist, Richmond.  
Washington—J. I. Griner, Supervisor of Horticulture, Olympia.  
West Virginia—J. E. Rumsey, State Entomologist, Morgantown.  
Wisconsin—E. L. Chambers, State Entomologist, Madison.  
Wyoming—C. L. Corkins, State Entomologist, State Department of Agriculture, Powell.  
Dominion of Canada—L. S. McLaine, Secretary, Destructive Insect and Pest Act, Department of Agriculture, Ottawa.





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# THE BULLETIN

Vol. 32 - January, 1935 - No. 9

## CHEMICAL ANALYSES

Of Official Livestock and Poultry Feed  
Samples Analyzed from January  
1 to December 31, 1934

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By

R. L. REED, A. RAY HALL  
AND SUMTER INGLISH

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MISSOURI STATE DEPARTMENT OF AGRICULTURE

✓ J. C. BRESHEARS, *Commissioner*  
JEFFERSON CITY, MO.

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# FEED ANALYSES

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The chemical analyses of livestock and poultry feeds analyzed from January 1st to December 31st, 1934, by the Feed Division of the State Department of Agriculture are published in this Bulletin. In addition, violations of the Missouri Feed Law are listed in the table below, numbered from 1 to 35. The superior figures following certain laboratory numbers refer to this table. For instance, on page 5, laboratory number 34-1-285<sup>2</sup>, the small superior figure<sup>2</sup> refers to number 2 of the table on page one, meaning "Not labeled when sampled."

During this period, 2,844 official samples were analyzed. These samples represent 446 Missouri manufacturers and 126 out-of-state manufacturers offering feed for sale in Missouri.

Within this paragraph we summarize the work under the feed law for the biennium, 1933 and 1934, as follows: In 1933, 857 mills and mixers registered feeds, totalling 3,737 brands. In 1934, 888 mills and mixers registered 3,917 feeds. The total number of brands of feeds registered in 1933 and 1934 was 7,654. In 1933, 2,417 feed samples were taken and analyzed, but in 1934 the number increased to 2,844, making the total number of feeds 5,251 sampled and analyzed during the biennium. Of these 5,251 feeds, there were found in 1933, 774 discrepancies either in labeling or chemical analysis, and in 1934, we found 885 discrepancies, making a total of 1,659 feeds that failed to meet their guaranties either in the labeling or in the chemical analysis, but these manufacturers made adjustments either by re-labeling or re-registering these feeds.

Feed dealers and Livestock and Poultry feeders will find these Bulletins helpful in the purchasing of feeds.

## KEY TO SMALL SUPERIOR (REFERENCE) FIGURES AFTER "LABORATORY" NUMBERS.

- 1.—Not registered when sampled.
- 2.—Not labeled when sampled.
- 3.—Ingredients not shown on label under such a heading.
- 4.—Label should show *minimum per cent* of Crude Protein, Crude Fat and Nitrogen-Free Extract.
- 5.—Label should show *maximum per cent* of Crude Fiber.
- 6.—Nitrogen-Free Extract not shown on label.
- 7.—Minimum per cent Nitrogen-Free Extract not shown on label.
- 8.—Ingredients on label do not correspond identically to ingredients on registration.
- 9.—Chemical analysis on label does not correspond to chemical analysis on registration.
- 10.—Brand name on label does not correspond to brand name on registration.

- 11.—Part of bags not labeled.
- 12.—Net weight not shown on label.
- 13.—Source of screenings not shown on label.
- 14.—Color of shorts or middlings not shown on label.
- 15.—Kind of shorts or middlings not shown on label.
- 16.—Minerals not defined on label. (Common specific names of ingredients of minerals not shown on label.)
- 17.—Guaranteed Chemical Analysis not shown on label.
- 18.—Carbohydrates guarantee shown on label instead of Nitrogen-Free Extract guarantee.
- 19.—Carbohydrates and Nitrogen-Free Extract listed together on label.
- 20.—Kind of bran not shown on label.
- 21.—Label illegible.
- 22.—Label misprinted.
- 23.—Net weight should be stated, as follows: 100 pounds net weight.
- 24.—Label should designate either *cake* or *meal*, and not both.
- 25.—Manufacturer's name and or address not shown on label.
- 26.—Minimum per cent Crude Fat not shown on label.
- 27.—Incorrectly and illegally labeled.
- 28.—Wrong tags attached to bags.
- 29.—Old Ultra-Life labels used.
- 30.—Minimum per cent Crude Protein not shown on label.
- 31.—Percentage of millrun of screenings not shown on label.
- 32.—Kind of bran not shown on label.
- 33.—Kind of feed meal not shown on label.
- 34.—Kind of gluten feed not shown on label.
- 35.—Brand name not shown on label.

Due to the large number of tabulations, it is possible that a few errors have been made. The Feed Division does not assume responsibility for errors.

# FEED ANALYSES

Feeds Analyzed from January 1, 1934, to December 31, 1934.

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures—see Key       | Chemical Analyses<br>Per cent Guaranteed (G) and Found (F) |                  |              |                |                              |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------|--------------|----------------|------------------------------|
|                                                                                               |                                                            | Crude<br>Protein | Crude<br>Fat | Crude<br>Fiber | Nitrogen-<br>free<br>Extract |
| <b>Abilene Flour Mills Co., Abilene, Kan.</b>                                                 |                                                            |                  |              |                |                              |
| Wheat Bran and Wheat Screenings.....                                                          | G                                                          | 14.50            | 3.50         | 11.00          | 47.00                        |
| 34-1-256 <sup>3,7</sup> .....                                                                 | F                                                          | 16.63            | 4.89         | 10.28          | 49.97                        |
| <b>Akard Milling Co., Bolivar, Mo.</b>                                                        |                                                            |                  |              |                |                              |
| Peerless Laying Mash.....                                                                     | G                                                          | 20.00            | 4.77         | 7.47           | 49.70                        |
| 34-1-284 <sup>8,11</sup> .....                                                                | F                                                          | 21.44            | 5.66         | 5.33           | 47.46                        |
| 34-9-247 <sup>4,5,23</sup> .....                                                              | F                                                          | 21.00            | 5.64         | 4.77           | 48.50                        |
| Wheat Mill-Run Bran.....                                                                      | G                                                          | 16.00            | 3.50         | 8.50           | 52.00                        |
| 34-1-285 <sup>2</sup> .....                                                                   | F                                                          | 15.81            | 4.81         | 7.71           | 54.98                        |
| Wheat Mill-Run Bran and Ground Wheat<br>Screenings not Exceeding Mill-Run....                 | G                                                          | 15.44            | 4.16         | 7.52           | 55.00                        |
| 34-9-246 <sup>3,23</sup> .....                                                                | F                                                          | 16.56            | 4.00         | 7.08           | 57.30                        |
| <b>Aldrich Milling Co., Aldrich, Mo.</b>                                                      |                                                            |                  |              |                |                              |
| Soft Wheat Mixed Feed with Ground Wheat<br>Screenings not to Exceed 8 % and Corn<br>Bran..... | G                                                          | 14.50            | 4.50         | 6.50           | 52.00                        |
| 34-9-224 <sup>2</sup> .....                                                                   | F                                                          | 16.50            | 4.34         | 7.94           | 53.76                        |
| <b>Alfocorn Milling Co., East St. Louis, Ill.</b>                                             |                                                            |                  |              |                |                              |
| Alfocorn Egg Scratch.....                                                                     | G                                                          | 10.00            | 3.00         | 4.00           | 61.00                        |
| 34-7-87 <sup>4,5</sup> .....                                                                  | F                                                          | 10.88            | 3.28         | 2.55           | 71.60                        |
| 34-12-52 <sup>4,5</sup> .....                                                                 | F                                                          | 10.19            | 3.68         | 2.39           | 71.27                        |
| Alfocorn Gro Scratch.....                                                                     | G                                                          | 10.00            | 3.00         | 4.00           | 61.00                        |
| 34-4-140 <sup>4,5</sup> .....                                                                 | F                                                          | 9.83             | 3.04         | 1.84           | 71.93                        |
| Full-Pail Dairy Feed.....                                                                     | G                                                          | 16.00            | 3.50         | 15.00          | 40.00                        |
| 34-10-103 <sup>4,5,8</sup> .....                                                              | F                                                          | 16.00            | 4.22         | 11.82          | 47.76                        |
| Lo-Price All-Mash Laying Ration.....                                                          | G                                                          | 15.00            | 4.00         | 6.00           | 51.00                        |
| 34-7-88 <sup>4,5,8</sup> .....                                                                | F                                                          | 17.44            | 4.96         | 4.58           | 54.64                        |
| Mariam's Special Green H. and M. Feed....                                                     | G                                                          | 7.00             | 1.60         | 15.00          | 52.50                        |
| 34-12-55 <sup>4,5</sup> .....                                                                 | F                                                          | 8.88             | 2.30         | 13.80          | 54.31                        |
| Red Dot Scratch Feed.....                                                                     | G                                                          | 9.00             | 3.00         | 4.00           | 55.50                        |
| 34-7-86 <sup>4,5</sup> .....                                                                  | F                                                          | 10.25            | 3.45         | 2.04           | 72.01                        |
| 34-11-78.....                                                                                 | F                                                          | 12.38            | 5.32         | 3.37           | 66.30                        |
| Wish Bone All-Mash Laying Ration.....                                                         | G                                                          | 15.00            | 4.00         | 6.00           | 51.00                        |
| 34-12-54 <sup>4,5,8,14</sup> .....                                                            | F                                                          | 17.63            | 4.00         | 5.45           | 50.49                        |
| Wish Bone Laying Mash.....                                                                    | G                                                          | 18.00            | 4.00         | 7.00           | 46.00                        |
| 34-7-85 <sup>4,5</sup> .....                                                                  | F                                                          | 18.75            | 4.37         | 3.56           | 51.89                        |
| 34-12-58 <sup>4,5,14</sup> .....                                                              | F                                                          | 21.31            | 4.88         | 4.67           | 53.50                        |
| <b>Allhoff Bros., St. Louis, Mo.</b>                                                          |                                                            |                  |              |                |                              |
| Allhoff 20 % Protein Laying Mash.....                                                         | G                                                          | 20.00            | 4.00         | 6.00           | 45.00                        |
| 34-12-18 <sup>14</sup> .....                                                                  | F                                                          | 23.25            | 5.49         | 4.59           | 46.17                        |
| Allhoff 24 % Protein Dairy Feed.....                                                          | G                                                          | 24.00            | 3.50         | 12.00          | 40.00                        |
| 34-12-23.....                                                                                 | F                                                          | 26.44            | 4.98         | 8.35           | 42.13                        |
| Allhoff Intermediate Scratch Feed.....                                                        | G                                                          | 9.50             | 2.50         | 3.50           | 60.00                        |
| 34-12-19.....                                                                                 | F                                                          | 10.81            | 4.14         | 1.74           | 70.46                        |
| Eden Laying Mash.....                                                                         | G                                                          | 18.00            | 4.00         | 6.50           | 45.00                        |
| 34-12-14 <sup>14</sup> .....                                                                  | F                                                          | 21.75            | 5.21         | 5.27           | 49.00                        |
| Eden Scratch Feed.....                                                                        | G                                                          | 9.50             | 2.50         | 3.50           | 60.00                        |
| 34-12-12.....                                                                                 | F                                                          | 10.50            | 4.20         | 2.00           | 70.58                        |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |      |       |       |    |
|----------------------------------------------------------------------------------------|--------------------------------|------|-------|-------|----|
|                                                                                        | % Guaranteed (G) and Found (F) |      |       |       |    |
|                                                                                        | Protein                        | Fat  | Fiber | N. F. | E. |
| <b>Allied Mills, Inc., Chicago, Ill.</b>                                               |                                |      |       |       |    |
| Empire 16 ½ % Dairy Ration.....                                                        | G 16.50                        | 3.00 | 12.00 | 45.00 |    |
| 34-8-197.....                                                                          | F 17.63                        | 3.96 | 9.80  | 48.93 |    |
| Empire Egg Mash.....                                                                   | G 16.50                        | 3.50 | 7.00  | 50.00 |    |
| 34-10-48.....                                                                          | F 17.73                        | 4.68 | 5.12  | 56.01 |    |
| Empire Scratch Feed.....                                                               | G 9.00                         | 2.50 | 4.00  | 65.00 |    |
| 34-8-181.....                                                                          | F 10.44                        | 4.04 | 2.48  | 71.79 |    |
| Lo-Price Stock Feed.....                                                               | G 10.00                        | 2.50 | 15.00 | 50.00 |    |
| 34-9-90.....                                                                           | F 13.75                        | 3.98 | 12.53 | 53.41 |    |
| Red Feather Egg Mash.....                                                              | G 18.00                        | 3.50 | 8.00  | 45.00 |    |
| 34-6-14.....                                                                           | F 22.06                        | 3.86 | 5.37  | 52.22 |    |
| Screened Cracked Corn.....                                                             | G 8.50                         | 2.50 | 2.50  | 65.00 |    |
| 34-3-146.....                                                                          | F 8.63                         | 3.55 | 1.68  | 72.04 |    |
| 34-8-176.....                                                                          | F 9.38                         | 4.37 | 1.94  | 73.44 |    |
| Sucrene 16 ½ % Dairy Ration.....                                                       | G 16.50                        | 3.00 | 12.00 | 45.00 |    |
| 34-3-8.....                                                                            | F 18.25                        | 4.95 | 6.76  | 50.03 |    |
| 34-3-147.....                                                                          | F 17.25                        | 4.24 | 8.66  | 48.58 |    |
| Wayne 32 % Farm Mix Dairy Feed.....                                                    | G 32.00                        | 4.00 | 9.00  | 35.00 |    |
| 34-3-6.....                                                                            | F 33.63                        | 6.11 | 6.25  | 36.52 |    |
| Wayne Broiler Ration.....                                                              | G 18.00                        | 3.50 | 8.00  | 45.00 |    |
| 34-8-20.....                                                                           | F 20.13                        | 5.92 | 6.88  | 50.27 |    |
| Wayne Chick Feed.....                                                                  | G 9.00                         | 2.00 | 4.00  | 65.00 |    |
| 34-8-18.....                                                                           | F 10.94                        | 3.07 | 1.63  | 72.60 |    |
| Wayne Chick Mash Concentrate with Sardine Oil....                                      | G 28.00                        | 4.00 | 8.00  | 35.00 |    |
| 34-3-142.....                                                                          | F 29.44                        | 6.78 | 5.73  | 35.86 |    |
| 34-8-57.....                                                                           | F 30.19                        | 6.54 | 5.99  | 37.19 |    |
| Wayne Egg Mash.....                                                                    | G 18.00                        | 3.50 | 7.00  | 45.00 |    |
| 34-8-21.....                                                                           | F 20.25                        | 5.19 | 5.26  | 52.33 |    |
| Wayne Fat Maker.....                                                                   | G 11.00                        | 3.00 | 10.00 | 50.00 |    |
| 34-3-25.....                                                                           | F 13.40                        | 4.79 | 6.41  | 53.37 |    |
| Wayne Growing Mash.....                                                                | G 16.00                        | 4.00 | 6.00  | 50.00 |    |
| 34-8-14.....                                                                           | F 17.88                        | 5.22 | 4.80  | 54.74 |    |
| Wayne Hi-Protein Beef Maker.....                                                       | G 30.00                        | 4.50 | 8.50  | 30.00 |    |
| 34-3-10.....                                                                           | F 29.75                        | 6.56 | 5.75  | 39.13 |    |
| Wayne Intermediate Scratch Feed.....                                                   | G 10.00                        | 2.00 | 4.00  | 65.00 |    |
| 34-8-16.....                                                                           | F 11.81                        | 3.84 | 2.21  | 70.98 |    |
| <b>Altes Mills, Unionville, Mo.</b>                                                    |                                |      |       |       |    |
| A. M. Cow Feed.....                                                                    | G 12.00                        | 4.50 | 8.00  | 45.00 |    |
| 34-9-64 <sup>8,23</sup> .....                                                          | F 11.88                        | 3.82 | 17.38 | 53.03 |    |
| <b>Always-A-Head Mills Co., East St. Louis, Ill.</b>                                   |                                |      |       |       |    |
| Always-A-Head 18 % Protein Laying Mash.....                                            | G 18.00                        | 4.00 | 6.50  | 45.00 |    |
| 34-6-2.....                                                                            | F 21.69                        | 4.08 | 4.95  | 46.27 |    |
| Always-A-Head 24 % Protein Dairy Feed.....                                             | G 24.00                        | 3.50 | 12.00 | 40.00 |    |
| 34-6-3.....                                                                            | F 25.38                        | 4.58 | 7.75  | 43.74 |    |
| Always-A-Head Farm Formula Laying Mash.....                                            | G 18.00                        | 4.00 | 7.00  | 45.00 |    |
| 34-2-57 <sup>1</sup> .....                                                             | F 18.13                        | 4.96 | 5.06  | 53.77 |    |
| 34-2-182.....                                                                          | F 17.75                        | 5.26 | 5.50  | 53.25 |    |
| Always-A-Head Laying Mash.....                                                         | G 18.00                        | 4.00 | 6.50  | 45.00 |    |
| 34-2-56 <sup>1,8</sup> .....                                                           | F 19.56                        | 5.36 | 4.81  | 49.98 |    |
| Always-A-Head Scratch Feed.....                                                        | G 9.00                         | 2.50 | 3.50  | 60.00 |    |
| 34-11-229.....                                                                         | F 10.81                        | 3.27 | 2.03  | 69.16 |    |
| Always-A-Head Starting Mash.....                                                       | G 18.50                        | 4.00 | 4.50  | 45.00 |    |
| 34-11-231.....                                                                         | F 18.88                        | 5.17 | 4.37  | 45.15 |    |
| Cock O' The Walk Scratch Feed.....                                                     | G 9.00                         | 2.50 | 3.50  | 60.00 |    |
| 34-2-183 <sup>1</sup> .....                                                            | F 10.25                        | 4.60 | 1.95  | 68.91 |    |
| 34-11-228.....                                                                         | F 10.69                        | 3.91 | 2.05  | 67.96 |    |
| Do Mor Chick Scratch Feed.....                                                         | G 9.50                         | 2.50 | 3.50  | 60.00 |    |
| 34-11-227.....                                                                         | F 10.63                        | 5.35 | 1.83  | 68.96 |    |
| Do Mor 16 % Protein Dairy Feed.....                                                    | G 16.00                        | 2.50 | 16.00 | 45.00 |    |
| 34-9-91.....                                                                           | F 17.38                        | 4.99 | 9.78  | 50.78 |    |
| 34-11-224.....                                                                         | F 14.22                        | 2.58 | 11.81 | 49.35 |    |
| Do Mor 85 Horse and Mule Feed.....                                                     | G 9.00                         | 2.00 | 15.00 | 40.00 |    |
| 34-11-223.....                                                                         | F 9.76                         | 3.51 | 7.24  | 60.70 |    |
| 34-12-128.....                                                                         | F 10.42                        | 3.37 | 5.48  | 65.23 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |       |       |       |   |
|----------------------------------------------------------------------------------------|--------------------------------|-------|-------|-------|---|
|                                                                                        | % Guaranteed (G) and Found (F) |       |       |       |   |
|                                                                                        | Protein                        | Fat   | Fiber | N. F. | E |
| Do Mor Scratch Feed.....                                                               | G 9.00                         | 2.50  | 3.50  | 60.00 |   |
| 34-6-1.....                                                                            | F 10.00                        | 4.06  | 1.82  | 70.60 |   |
| 34-11-226.....                                                                         | F 10.81                        | 4.25  | 1.78  | 69.83 |   |
| <b>Anchor Milling Co., Tuscumbia, Mo.</b>                                              |                                |       |       |       |   |
| Gray Wheat Shorts.....                                                                 | G 16.50                        | 4.20  | 4.50  | 61.50 |   |
| 34-4-195.....                                                                          | F 17.44                        | 4.45  | 5.27  | 57.59 |   |
| <b>Anheuser Busch, Inc., St. Louis, Mo.</b>                                            |                                |       |       |       |   |
| Anheuser Busch Brand Brewer's Dried Grains.....                                        | G 20.00                        | 6.00  | 18.00 | 40.00 |   |
| 34-2-49 <sup>17</sup> .....                                                            | F 26.56                        | 6.02  | 14.85 | 37.08 |   |
| 34-6-120.....                                                                          | F 22.38                        | 5.87  | 13.69 | 44.98 |   |
| Anheuser Busch Brand Corn Gluten Feed.....                                             | G 25.00                        | 2.00  | 8.50  | 50.00 |   |
| 34-2-50 <sup>8,9</sup> .....                                                           | F 24.28                        | 2.63  | 7.89  | 55.72 |   |
| 34-4-12.....                                                                           | F 27.06                        | 2.08  | 8.75  | 53.12 |   |
| 34-7-78.....                                                                           | F 28.00                        | 2.27  | 8.04  | 50.59 |   |
| 34-9-173.....                                                                          | F 28.31                        | 2.69  | 8.26  | 50.14 |   |
| Anheuser-Busch Brand Corn Oil Cake Meal.....                                           | G 18.00                        | 8.00  | 11.00 | 44.00 |   |
| 34-9-187.....                                                                          | F 18.44                        | 12.34 | 10.06 | 48.69 |   |
| 34-10-211.....                                                                         | F 24.68                        | 8.02  | 10.21 | 46.63 |   |
| Budweiser Brewer's Dried Grains.....                                                   | G 20.00                        | 6.00  | 18.00 | 40.00 |   |
| 34-10-210.....                                                                         | F 25.25                        | 6.26  | 16.88 | 39.10 |   |
| <b>Arcadia Feed Mills Co., St. Louis, Mo.</b>                                          |                                |       |       |       |   |
| Arcadia All Mash Starter and Grower.....                                               | G 16.00                        | 4.00  | 5.50  | 48.00 |   |
| 34-12-29.....                                                                          | F 18.31                        | 4.81  | 4.50  | 52.97 |   |
| Arcadia Chick Starter.....                                                             | G 18.50                        | 4.00  | 4.50  | 45.00 |   |
| 34-12-16 <sup>14</sup> .....                                                           | F 20.56                        | 5.71  | 4.35  | 53.24 |   |
| Blue Bird Scratch Feed.....                                                            | G 9.50                         | 2.50  | 3.50  | 60.00 |   |
| 34-12-24.....                                                                          | F 10.19                        | 4.27  | 1.37  | 71.73 |   |
| <b>Arcady Farms Milling Co., North Kansas City, Mo.</b>                                |                                |       |       |       |   |
| Wonderfat Station Feed.....                                                            | G 12.50                        | 4.50  | 6.00  | 59.08 |   |
| 34-7-34 <sup>4,5</sup> .....                                                           | F 13.94                        | 5.24  | 6.04  | 61.00 |   |
| <b>Archer Daniels Midland Co., Minneapolis, Minn.</b>                                  |                                |       |       |       |   |
| 37 % Protein Old Process Linseed Meal.....                                             | G 37.00                        | 4.50  | 9.00  | 32.00 |   |
| 34-3-159.....                                                                          | F 40.75                        | 5.04  | 6.38  | 32.75 |   |
| 34-7-45 <sup>8</sup> .....                                                             | F 40.63                        | 5.00  | 7.30  | 32.15 |   |
| 34-8-74.....                                                                           | F 38.56                        | 5.96  | 7.83  | 34.31 |   |
| 34-12-96.....                                                                          | F 40.44                        | 7.29  | 6.95  | 31.62 |   |
| Pure Old Process Linseed Meal.....                                                     | G 37.00                        | 4.50  | 9.00  | 33.00 |   |
| 34-1-220.....                                                                          | F 39.25                        | 5.91  | 7.70  | 32.70 |   |
| <b>Argyle Milling Co., Argyle, Mo.</b>                                                 |                                |       |       |       |   |
| Wheat Bran.....                                                                        | G 16.20                        | 4.10  | 9.50  | 55.50 |   |
| 34-1-126 <sup>1,2</sup> .....                                                          | F 16.50                        | 3.16  | 10.12 | 54.86 |   |
| Wheat Total Shorts.....                                                                | G 16.40                        | 4.20  | 5.80  | 60.00 |   |
| 34-1-127 <sup>1,2</sup> .....                                                          | F 17.56                        | 4.12  | 3.84  | 62.58 |   |
| <b>Arkansas Rice Growers Co-Op Assn., Stuttgart, Ark.</b>                              |                                |       |       |       |   |
| Rice Polish.....                                                                       | G 11.00                        | 12.00 | 3.75  | 57.50 |   |
| 34-11-217 <sup>1,23</sup> .....                                                        | F 11.13                        | 12.19 | 1.28  | 56.06 |   |
| <b>Armour and Co., Chicago, Ill.</b>                                                   |                                |       |       |       |   |
| Armour's Meat and Bone Scraps.....                                                     | G 50.00                        | 6.00  | 3.00  | 0.00  |   |
| 34-1-88.....                                                                           | F 51.31                        | 14.20 | 1.86  | 0.46  |   |
| 34-4-23.....                                                                           | F 50.75                        | 16.35 | 1.85  | 0.79  |   |
| Armour's Meat Meal Digester Tankage.....                                               | G 60.00                        | 6.00  | 3.00  | 0.00  |   |
| 34-4-22.....                                                                           | F 62.00                        | 6.35  | 2.21  | 0.20  |   |
| 34-10-1.....                                                                           | F 57.63                        | 10.61 | 1.56  | 0.56  |   |
| 34-12-106.....                                                                         | F 59.69                        | 7.90  | 0.73  | 0.61  |   |
| Armour's Special Steamed Bone Meal.....                                                | G 5.00                         | 1.00  | 2.00  | 0.00  |   |
| 34-4-24.....                                                                           | F 9.56                         | 10.11 | 1.53  | 5.20  |   |
| 34-10-132.....                                                                         | F 9.31                         | 7.83  | 1.99  | 3.31  |   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>“Superior” Figure—see Key | Chemical Analyses              |       |       |          |  |
|----------------------------------------------------------------------------------------|--------------------------------|-------|-------|----------|--|
|                                                                                        | % Guaranteed (G) and Found (F) |       |       |          |  |
|                                                                                        | Protein                        | Fat   | Fiber | N, F, E. |  |
| M. F. A. Digester Tankage.....                                                         | G 60.00                        | 6.00  | 3.00  | 0.00     |  |
| 34-1-172.....                                                                          | F 63.43                        | 8.62  | 0.80  | 1.17     |  |
| 34-1-254.....                                                                          | F 53.88                        | 7.85  | 0.89  | 4.35     |  |
| M. F. A. Meat and Bone Scraps.....                                                     | G 50.00                        | 6.00  | 3.00  | 0.00     |  |
| 34-1-171.....                                                                          | F 50.94                        | 14.43 | 1.74  | 0.57     |  |
| <b>M. F. Arnold, Butler, Mo.</b>                                                       |                                |       |       |          |  |
| Eagle Egg Mash.....                                                                    | G 19.50                        | 4.50  | 6.50  | 46.00    |  |
| 34-10-17.....                                                                          | F 16.63                        | 4.93  | 9.66  | 50.82    |  |
| Just Right Growing Mash.....                                                           | G 16.00                        | 4.00  | 5.00  | 55.00    |  |
| 34-10-20.....                                                                          | F 17.50                        | 6.15  | 4.97  | 47.17    |  |
| Just Right Station Fattner.....                                                        | G 13.00                        | 6.00  | 6.00  | 62.50    |  |
| 34-10-18 <sup>4,5</sup> .....                                                          | F 15.31                        | 5.36  | 5.24  | 60.36    |  |
| <b>Ash Grove Farmers Exchange, Ash Grove, Mo.</b>                                      |                                |       |       |          |  |
| The Missouri Formula Growing Mash.....                                                 | G 17.00                        | 3.50  | 6.00  | 46.00    |  |
| 34-5-127 <sup>8</sup> .....                                                            | F 18.69                        | 4.37  | 4.48  | 50.70    |  |
| The Missouri Formula Laying Mash.....                                                  | G 20.00                        | 3.50  | 6.50  | 45.00    |  |
| 34-5-129.....                                                                          | F 20.81                        | 6.05  | 4.90  | 47.29    |  |
| The Missouri Formula Laying Mash With Buttermilk                                       | G 20.00                        | 3.50  | 6.50  | 45.00    |  |
| 34-5-128.....                                                                          | F 22.00                        | 6.00  | 4.35  | 47.46    |  |
| The Missouri Formula Starting Mash With Cod Liver                                      |                                |       |       |          |  |
| Oil.....                                                                               | G 18.00                        | 3.50  | 5.00  | 46.00    |  |
| 34-5-130 <sup>1,2</sup> .....                                                          | F 16.91                        | 5.14  | 2.41  | 58.46    |  |
| <b>Associated Feed Mill, St. Louis, Mo.</b>                                            |                                |       |       |          |  |
| A. F. M. Brand Pig Meal.....                                                           | G 21.00                        | 2.50  | 6.00  | 50.00    |  |
| 34-4-157 <sup>1</sup> .....                                                            | F 26.38                        | 5.90  | 4.61  | 46.55    |  |
| <b>Atlanta Grain and Elevator Co., Atlanta, Mo.</b>                                    |                                |       |       |          |  |
| Atlanta's Best Laying Mash.....                                                        | G 18.00                        | 4.50  | 6.00  | 50.00    |  |
| 34-9-37.....                                                                           | F 18.50                        | 5.09  | 5.02  | 52.97    |  |
| <b>Avenue Feed Mill, St. Joseph, Mo.</b>                                               |                                |       |       |          |  |
| Cracked Corn Screened.....                                                             | G 9.00                         | 4.00  | 3.00  | 67.00    |  |
| 34-10-214.....                                                                         | F 9.19                         | 4.56  | 2.17  | 71.64    |  |
| <b>Baldwin Produce Co., Appleton City, Mo.</b>                                         |                                |       |       |          |  |
| Laying Mash—Missouri State Formula.....                                                | G 20.00                        | 4.50  | 6.00  | 45.00    |  |
| 34-11-97 <sup>9</sup> .....                                                            | F 23.06                        | 5.72  | 5.40  | 46.07    |  |
| <b>Ball and Gunning Milling Co., Webb City, Mo.</b>                                    |                                |       |       |          |  |
| B and G All-Mash.....                                                                  | G 16.00                        | 4.00  | 4.00  | 53.00    |  |
| 34-8-131 <sup>4,5,23</sup> .....                                                       | F 17.13                        | 6.86  | 3.94  | 54.35    |  |
| B and G Dairy Feed.....                                                                | G 18.50                        | 3.50  | 9.50  | 48.50    |  |
| 34-8-130.....                                                                          | F 18.75                        | 5.50  | 7.92  | 53.67    |  |
| B and G Laying Mash.....                                                               | G 15.75                        | 3.50  | 10.00 | 53.00    |  |
| 34-8-132.....                                                                          | F 18.69                        | 5.46  | 8.56  | 50.46    |  |
| Golden Gate Chick Feed.....                                                            | G 10.00                        | 3.00  | 5.00  | 60.00    |  |
| 34-8-133.....                                                                          | F 11.38                        | 4.53  | 1.70  | 71.03    |  |
| Golden Gate Hen Scratch.....                                                           | G 10.00                        | 3.00  | 5.00  | 55.00    |  |
| 34-8-129 <sup>23</sup> .....                                                           | F 10.00                        | 3.54  | 1.84  | 72.35    |  |
| Golden Gate Special Mixed Feed.....                                                    | G 13.00                        | 3.50  | 9.50  | 48.50    |  |
| 34-8-127 <sup>23</sup> .....                                                           | F 14.25                        | 4.18  | 7.06  | 58.62    |  |
| Graded (or Screened) Corn Chop.....                                                    | G 9.00                         | 3.00  | 3.50  | 66.50    |  |
| 34-8-128.....                                                                          | F 9.69                         | 3.78  | 1.79  | 72.23    |  |
| <b>Banfield Bros. Packing Co., Inc., Tulsa, Okla.</b>                                  |                                |       |       |          |  |
| Golden Egg Brand Meat Scraps for Poultry.....                                          | G 50.00                        | 10.00 | 2.50  | 6.50     |  |
| 34-9-219 <sup>3</sup> .....                                                            | F 47.88                        | 19.91 | 2.08  | 1.96     |  |
| <b>Banfield Packing Co., Inc., Springfield, Mo.</b>                                    |                                |       |       |          |  |
| Golden Egg Brand Meat Scraps.....                                                      | G 50.00                        | 6.00  | 2.00  | 4.00     |  |
| 34-1-246 <sup>9</sup> .....                                                            | F 55.69                        | 9.17  | 1.09  | 3.46     |  |
| Golden Egg Brand Meat Scraps for Poultry.....                                          | G 50.00                        | 10.00 | 2.50  | 6.50     |  |
| 34-8-213 <sup>1,3</sup> .....                                                          | F 49.13                        | 16.90 | 2.22  | 2.18     |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |       |       |          |       |
|----------------------------------------------------------------------------------------|--------------------------------|-------|-------|----------|-------|
|                                                                                        | % Guaranteed (G) and Found (F) |       |       |          |       |
|                                                                                        | Protein                        | Fat   | Fiber | N. F. E. |       |
| <b>Banner Milling Co., Salem, Mo.</b>                                                  |                                |       |       |          |       |
| Banner No. 1 Laying Mash.....                                                          | G                              | 15.00 | 4.00  | 7.50     | 51.75 |
| 34-1-144 <sup>4,5</sup> .....                                                          | F                              | 14.58 | 3.75  | 6.11     | 52.99 |
| Mill-run Wheat Feed With Wheat Screenings.....                                         | G                              | 15.00 | 3.75  | 7.75     | 58.00 |
| 34-1-133 <sup>4,5</sup> .....                                                          | F                              | 14.63 | 3.81  | 7.47     | 60.33 |
| <b>H. N. Barlow Mill and Elev., Wellington, Mo.</b>                                    |                                |       |       |          |       |
| Barlow's Best Egg Mash.....                                                            | G                              | 19.00 | 4.00  | 7.00     | 54.00 |
| 34-11-14.....                                                                          | F                              | 19.81 | 6.03  | 6.56     | 49.01 |
| Barlow's Best Growing Mash.....                                                        | G                              | 17.00 | 3.00  | 7.00     | 48.00 |
| 34-11-15.....                                                                          | F                              | 18.31 | 5.91  | 5.29     | 50.01 |
| Barlow's Best Scratch Grains.....                                                      | G                              | 10.00 | 3.00  | 3.50     | 63.00 |
| 34-11-17.....                                                                          | F                              | 11.19 | 3.85  | 2.65     | 70.53 |
| Barlow's Special Dairy Feed.....                                                       | G                              | 16.00 | 3.00  | 10.00    | 52.00 |
| 34-11-16.....                                                                          | F                              | 16.25 | 4.56  | 9.87     | 51.74 |
| Barlow's Special Egg Mash.....                                                         | G                              | 17.00 | 3.60  | 8.00     | 52.00 |
| 34-11-13.....                                                                          | F                              | 17.81 | 5.56  | 6.91     | 52.69 |
| <b>The Barton County Flour Mills Co., Great Bend, Kan.</b>                             |                                |       |       |          |       |
| Wheat Gray Shorts.....                                                                 | G                              | 16.00 | 4.00  | 6.00     | 61.00 |
| 34-2-96 <sup>4,5</sup> .....                                                           | F                              | 17.94 | 4.88  | 4.60     | 55.49 |
| <b>William Bauer, Stewartsville, Mo.</b>                                               |                                |       |       |          |       |
| Quality Egg Mash.....                                                                  | G                              | 18.00 | 4.00  | 8.00     | 45.00 |
| 34-5-171 <sup>8</sup> .....                                                            | F                              | 17.66 | 5.34  | 8.37     | 47.94 |
| 34-12-72 <sup>14</sup> .....                                                           | F                              | 21.56 | 6.04  | 6.50     | 42.75 |
| <b>Bay Milling Co., Bay, Mo.</b>                                                       |                                |       |       |          |       |
| Soft Wheat Bran.....                                                                   | G                              | 15.50 | 3.50  | 10.00    | 49.00 |
| 34-5-188.....                                                                          | F                              | 17.31 | 4.51  | 8.88     | 54.09 |
| Sunrise Laying Mash.....                                                               | G                              | 18.00 | 4.50  | 6.00     | 50.00 |
| 34-5-187.....                                                                          | F                              | 18.19 | 5.36  | 3.52     | 56.41 |
| Sunrise Starting Mash.....                                                             | G                              | 17.00 | 4.50  | 5.50     | 45.00 |
| 34-5-186.....                                                                          | F                              | 18.13 | 6.23  | 3.69     | 55.00 |
| <b>Bealmer Feed Mills, W. L. Bealmer, Atlanta, Mo.</b>                                 |                                |       |       |          |       |
| Magic Laying Mash.....                                                                 | G                              | 18.00 | 4.00  | 6.00     | 45.00 |
| 34-9-38.....                                                                           | F                              | 20.41 | 5.54  | 4.93     | 50.33 |
| <b>G. B. Beeney and Sons, Sheldon, Mo.</b>                                             |                                |       |       |          |       |
| Fine Screened Corn Chop.....                                                           | G                              | 8.00  | 2.50  | 2.00     | 71.00 |
| 34-11-102.....                                                                         | F                              | 9.44  | 4.65  | 0.93     | 71.75 |
| Medium Screened Corn Chop.....                                                         | G                              | 8.00  | 2.50  | 2.00     | 71.00 |
| 34-11-103 <sup>31</sup> .....                                                          | F                              | 8.81  | 2.55  | 0.99     | 75.23 |
| <b>Belleview Roller Mill, Belleview, Mo.</b>                                           |                                |       |       |          |       |
| Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill-run.....              | G                              | 14.50 | 3.00  | 8.50     | 55.00 |
| 34-10-98.....                                                                          | F                              | 15.19 | 3.53  | 6.55     | 58.90 |
| <b>Beloit Milling Co., Beloit, Kan.</b>                                                |                                |       |       |          |       |
| Kansas Gray Wheat Shorts and Wheat Screenings not More Than 2 % Screenings.....        | G                              | 16.00 | 3.50  | 5.50     | 61.00 |
| 34-1-17 <sup>3</sup> .....                                                             | F                              | 17.81 | 4.59  | 5.37     | 56.58 |
| Wheat Bran and Wheat Screenings not More Than 2 % Screenings.....                      | G                              | 14.50 | 4.00  | 11.00    | 47.00 |
| 34-1-19 <sup>3</sup> .....                                                             | F                              | 16.81 | 3.91  | 10.07    | 50.84 |
| Wheat Mixed Feed with Wheat Screenings not Over 2 % Screenings.....                    | G                              | 15.50 | 3.00  | 8.00     | 54.00 |
| 34-1-18 <sup>9</sup> .....                                                             | F                              | 17.56 | 4.52  | 6.85     | 54.50 |
| <b>J. H. Belz Prov. Co., St. Louis, Mo.</b>                                            |                                |       |       |          |       |
| Digester Tankage with Bone.....                                                        | G                              | 60.00 | 8.00  | 3.00     | 3.00  |
| 34-11-252.....                                                                         | F                              | 58.00 | 8.90  | 1.37     | 17.63 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |         |      |       |          |
|----------------------------------------------------------------------------------------|--------------------------------|---------|------|-------|----------|
|                                                                                        | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber | N. F. E. |
| <b>Berger Flour and Feed Mills, Berger, Mo.</b>                                        |                                |         |      |       |          |
| Schowe's Laying Mash.....                                                              | G                              | 16.00   | 3.50 | 8.50  | 48.00    |
| 34-5-196 <sup>7</sup> .....                                                            | F                              | 18.94   | 4.82 | 7.12  | 49.93    |
| 34-10-170 <sup>7,31</sup> .....                                                        | F                              | 17.88   | 4.75 | 7.37  | 50.90    |
| <b>Bisbee Linseed Co., Philadelphia, Pa.</b>                                           |                                |         |      |       |          |
| Bisbee Brand, 34 % Protein, Pure Old Process Linseed Meal.....                         | G                              | 34.00   | 5.00 | 10.00 | 30.00    |
| 34-1-181.....                                                                          | F                              | 35.94   | 6.25 | 8.19  | 33.30    |
| 34-6-81 <sup>8</sup> .....                                                             | F                              | 37.13   | 5.97 | 7.83  | 33.33    |
| 34-11-83.....                                                                          | F                              | 37.06   | 7.79 | 7.25  | 32.15    |
| Illinois Brand 30 % Protein Linseed Meal and Screenings Oil Feed.....                  | G                              | 30.00   | 5.00 | 10.00 | 30.00    |
| 34-11-88 <sup>1,2</sup> .....                                                          | F                              | 32.63   | 7.33 | 9.59  | 33.84    |
| <b>Black Bros. Flour Mills, Beatrice, Neb.</b>                                         |                                |         |      |       |          |
| Grey Wheat Shorts and Ground Wheat Screenings not to Exceed 2 % Screenings.....        | G                              | 16.00   | 3.50 | 6.00  | 55.00    |
| 34-2-188 <sup>3,7</sup> .....                                                          | F                              | 17.81   | 4.46 | 4.47  | 57.98    |
| <b>Blackburn Farmers Elevator Co., Blackburn, Mo.</b>                                  |                                |         |      |       |          |
| King Bee Egg Mash.....                                                                 | G                              | 17.28   | 3.92 | 4.36  | 54.08    |
| 34-7-133 <sup>10</sup> .....                                                           | F                              | 17.25   | 4.12 | 4.59  | 58.29    |
| <b>Blaker Milling Co., Pleasanton, Kan.</b>                                            |                                |         |      |       |          |
| Hunt's Just Rite Egg Mash.....                                                         | G                              | 18.00   | 4.50 | 7.50  | 53.50    |
| 34-10-113 <sup>23</sup> .....                                                          | F                              | 21.25   | 4.79 | 7.19  | 51.13    |
| Hunt's Just Rite Hen Scratch.....                                                      | G                              | 9.50    | 2.50 | 2.75  | 71.50    |
| 34-10-112 <sup>8,9</sup> .....                                                         | F                              | 10.94   | 4.41 | 2.27  | 70.26    |
| Wheat Bran and Wheat Screenings.....                                                   | G                              | 14.50   | 3.60 | 12.50 | 47.00    |
| 34-2-36 <sup>9</sup> .....                                                             | F                              | 16.00   | 4.67 | 9.43  | 53.60    |
| Wheat Mixed Feed, Wheat Screenings, and Corn Bran.....                                 | G                              | 15.45   | 3.40 | 8.05  | 43.95    |
| 34-10-111 <sup>4,5,10,14</sup> .....                                                   | F                              | 15.19   | 4.10 | 6.29  | 57.93    |
| <b>Blair Elevator Corp., Atchison, Kan.</b>                                            |                                |         |      |       |          |
| Ajax Chick Feed.....                                                                   | G                              | 10.00   | 3.00 | 4.50  | 68.00    |
| 34-11-239.....                                                                         | F                              | 10.06   | 3.47 | 1.20  | 72.04    |
| Ajax Developing Grains.....                                                            | G                              | 10.00   | 3.00 | 4.50  | 68.00    |
| 34-11-245.....                                                                         | F                              | 10.81   | 4.02 | 1.27  | 70.16    |
| Ajax Hen Scratch.....                                                                  | G                              | 9.00    | 3.00 | 5.00  | 60.00    |
| 34-11-241.....                                                                         | F                              | 9.88    | 3.44 | 1.21  | 73.33    |
| Ajax Laying Mash with Dried Milk, Yeast, Dicapho.....                                  | G                              | 18.00   | 3.50 | 8.00  | 44.50    |
| 34-1-148 <sup>8</sup> .....                                                            | F                              | 18.50   | 5.25 | 6.73  | 48.33    |
| Blair's Medium Screened and Cleaned Yellow Corn Chop.....                              | G                              | 9.00    | 3.50 | 3.50  | 65.00    |
| 34-11-240 <sup>4,5,23</sup> .....                                                      | F                              | 9.00    | 3.83 | 1.18  | 72.98    |
| Certified Car Poultry Fattener.....                                                    | G                              | 15.00   | 5.00 | 6.50  | 57.00    |
| 34-1-151 <sup>7,8,12</sup> .....                                                       | F                              | 16.00   | 4.36 | 4.56  | 61.45    |
| Certified Growing Mash with Cod Liver Oil Yeast, Dried Milk and Dicapho.....           | G                              | 16.00   | 4.50 | 7.00  | 50.50    |
| 34-1-150 <sup>8</sup> .....                                                            | F                              | 16.25   | 5.28 | 4.03  | 57.38    |
| Certified Hen Scratch.....                                                             | G                              | 9.00    | 3.00 | 4.50  | 63.00    |
| 34-1-149.....                                                                          | F                              | 11.44   | 3.03 | 2.29  | 70.41    |
| Certified Laying Mash with Cod Liver Oil, Yeast, Dried Milk and Dicapho.....           | G                              | 18.00   | 4.50 | 7.50  | 45.50    |
| 34-1-147 <sup>8</sup> .....                                                            | F                              | 19.00   | 6.10 | 4.96  | 50.30    |
| Certified No-Corn Chick Grains.....                                                    | G                              | 10.00   | 3.00 | 4.00  | 59.00    |
| 34-11-251.....                                                                         | F                              | 12.06   | 3.12 | 1.45  | 69.57    |
| Certified Starting Mash with Cod Liver Oil, Yeast, Dried Milk and Dicapho.....         | G                              | 15.00   | 4.00 | 5.50  | 52.50    |
| 34-3-239.....                                                                          | F                              | 16.63   | 4.49 | 4.37  | 62.12    |
| Certified Station Poultry Fattener.....                                                | G                              | 15.00   | 4.50 | 6.00  | 57.00    |
| 34-1-152 <sup>7,8,12</sup> .....                                                       | F                              | 15.06   | 4.47 | 4.09  | 62.71    |
| Soft Wheat Gray Shorts and Ground Wheat Screenings not Exceeding 5 %.....              | G                              | 16.00   | 3.50 | 6.00  | 55.00    |
| 34-3-42.....                                                                           | F                              | 15.69   | 3.87 | 5.35  | 58.69    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |      |       |          |  |
|----------------------------------------------------------------------------------------|--------------------------------|------|-------|----------|--|
|                                                                                        | % Guaranteed (G) and Found (F) |      |       |          |  |
|                                                                                        | Protein                        | Fat  | Fiber | N. F. E. |  |
| Valley Hen Scratch.....                                                                | G 9 00                         | 3.00 | 4.00  | 60.00    |  |
| 34-1-146 <sup>9</sup> .....                                                            | F 9.63                         | 3.34 | 1.61  | 73.57    |  |
| Valley Laying Mash.....                                                                | G 18.00                        | 3.50 | 8.00  | 48.00    |  |
| 34-1-117 <sup>8,10</sup> .....                                                         | F 18.22                        | 4.81 | 6.04  | 51.80    |  |
| Valley Laying Mash with Dried Milk and Dicapho...                                      | G 18.00                        | 3.50 | 8.00  | 52.00    |  |
| 34-6-68.....                                                                           | F 17.72                        | 3.84 | 6.87  | 52.69    |  |
| 34-9-35.....                                                                           | F 19.00                        | 4.91 | 7.00  | 51.50    |  |
| <b>Blair Milling Co., Atchison, Kan.</b>                                               |                                |      |       |          |  |
| Soft Wheat Bran and Ground Wheat Screenings not Exceeding Mill run.....                | G 14.50                        | 3.50 | 10.00 | 48.00    |  |
| 34-1-95.....                                                                           | F 16.06                        | 3.94 | 9.10  | 52.93    |  |
| 34-1-217.....                                                                          | F 19.69                        | 4.59 | 9.29  | 46.67    |  |
| 34-2-16.....                                                                           | F 15.81                        | 4.64 | 9.11  | 52.02    |  |
| 34-2-187.....                                                                          | F 16.44                        | 4.51 | 8.42  | 51.15    |  |
| 34-4-14.....                                                                           | F 15.94                        | 4.68 | 8.10  | 52.70    |  |
| 34-9-81.....                                                                           | F 17.06                        | 4.31 | 8.75  | 50.96    |  |
| 34-10-122 <sup>4,5,23</sup> .....                                                      | F 16.88                        | 5.27 | 10.74 | 50.13    |  |
| 34-11-242.....                                                                         | F 17.25                        | 3.86 | 8.18  | 50.19    |  |
| Soft Wheat Gray Shorts and Ground Wheat Screenings not Exceeding 5 %.....              | G 16.00                        | 3.50 | 6.00  | 55.00    |  |
| 34-1-94.....                                                                           | F 15.81                        | 3.56 | 4.04  | 61.00    |  |
| 34-1-118.....                                                                          | F 16.31                        | 3.60 | 4.99  | 59.55    |  |
| 34-1-229.....                                                                          | F 16.81                        | 4.71 | 4.11  | 59.77    |  |
| 34-2-15.....                                                                           | F 15.67                        | 4.21 | 5.29  | 59.68    |  |
| 34-2-68.....                                                                           | F 16.88                        | 4.94 | 4.52  | 58.38    |  |
| 34-4-15.....                                                                           | F 17.31                        | 4.83 | 4.60  | 56.96    |  |
| 34-9-82.....                                                                           | F 17.63                        | 4.27 | 4.48  | 58.07    |  |
| 34-10-124 <sup>7,9,23</sup> .....                                                      | F 18.88                        | 5.29 | 6.22  | 54.61    |  |
| 34-11-151.....                                                                         | F 18.06                        | 3.84 | 5.11  | 57.32    |  |
| 34-11-243.....                                                                         | F 17.31                        | 3.77 | 6.02  | 55.44    |  |
| Soft Wheat Mill-Run Bran and Ground Wheat Screenings not Exceeding 5 %.....            | G 16.00                        | 3.50 | 8.50  | 52.00    |  |
| 34-2-67.....                                                                           | F 17.56                        | 4.41 | 7.09  | 53.62    |  |
| 34-7-82.....                                                                           | F 18.19                        | 4.13 | 6.46  | 54.73    |  |
| 34-11-244.....                                                                         | F 17.56                        | 3.70 | 6.89  | 53.36    |  |
| <b>Bland Milling Co., Bland, Mo.</b>                                                   |                                |      |       |          |  |
| Soft Wheat Bran.....                                                                   | G 14.50                        | 3.75 | 11.00 | 50.00    |  |
| 34-9-158 <sup>2</sup> .....                                                            | F 16.63                        | 3.91 | 8.40  | 55.21    |  |
| <b>Blytheville Cotton Oil Co., Blytheville, Ark.</b>                                   |                                |      |       |          |  |
| 41.25 % Cottonseed Meal.....                                                           | G 41.25                        | 7.00 | 10.00 | 27.13    |  |
| 34-1-193.....                                                                          | F 39.65                        | 7.06 | 11.84 | 28.15    |  |
| 34-2-3.....                                                                            | F 41.75                        | 8.51 | 9.63  | 27.16    |  |
| 34-2-30.....                                                                           | F 38.06                        | 7.41 | 11.92 | 29.45    |  |
| 34-2-77 <sup>7</sup> .....                                                             | F 42.31                        | 7.88 | 9.98  | 26.55    |  |
| 34-2-256.....                                                                          | F 38.88                        | 8.75 | 11.07 | 27.30    |  |
| 34-3-106 <sup>7</sup> .....                                                            | F 38.00                        | 6.54 | 12.62 | 23.74    |  |
| 34-4-144 <sup>7,10</sup> .....                                                         | F 39.60                        | 9.96 | 10.00 | 26.08    |  |
| 34-4-212 <sup>7</sup> .....                                                            | F 40.67                        | 7.84 | 10.00 | 27.81    |  |
| 34-6-117 <sup>7,24</sup> .....                                                         | F 41.94                        | 7.70 | 8.36  | 27.64    |  |
| 34-11-86 <sup>7,10</sup> .....                                                         | F 39.35                        | 7.69 | 3.04  | 37.32    |  |
| 34-11-174.....                                                                         | F 41.13                        | 7.80 | 9.54  | 25.88    |  |
| 34-11-248.....                                                                         | F 39.78                        | 7.35 | 11.05 | 25.50    |  |
| <b>Board of Sanitary Commissioners, Indianapolis, Ind.</b>                             |                                |      |       |          |  |
| Table Scrap Meal.....                                                                  | G 19.00                        | 2.00 | 23.00 | 29.00    |  |
| 34-10-131 <sup>6</sup> .....                                                           | F 21.00                        | 4.44 | 20.20 | 25.83    |  |
| <b>Bolivar Farmers Exchange, Bolivar, Mo.</b>                                          |                                |      |       |          |  |
| Our Laying Mash.....                                                                   | G 17.00                        | 4.00 | 10.00 | 48.00    |  |
| 34-1-274 <sup>7,11</sup> .....                                                         | F 19.25                        | 5.94 | 6.91  | 46.80    |  |
| 34-9-251 <sup>7</sup> .....                                                            | F 20.25                        | 4.73 | 6.73  | 47.58    |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |       |    |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|-------|----|
|                                                                                        | Protein                                             | Fat  | Fiber | N. F. | E. |
| <b>Bollvar Milling Co., Bolivar, Mo.</b>                                               |                                                     |      |       |       |    |
| Murray's Egg Mash.....                                                                 | G 17.00                                             | 4.00 | 8.00  | 47.00 |    |
| 34-5-81.....                                                                           | F 19.13                                             | 5.83 | 5.15  | 51.56 |    |
| 34-10-14 <sup>3</sup> .....                                                            | F 17.66                                             | 5.14 | 5.12  | 52.13 |    |
| <b>Boone County Milling and Elevator Co., Columbia, Mo.</b>                            |                                                     |      |       |       |    |
| Full-Value Dairy Feed.....                                                             | G 16.00                                             | 3.25 | 7.50  | 50.00 |    |
| 34-6-140 <sup>7</sup> .....                                                            | F 18.63                                             | 4.60 | 5.79  | 55.01 |    |
| Full-Value Hen Feed.....                                                               | G 8.50                                              | 2.50 | 7.50  | 58.00 |    |
| 34-6-141 <sup>8</sup> .....                                                            | F 10.38                                             | 3.69 | 2.05  | 72.08 |    |
| Red Ring Chick Mash with Buttermilk.....                                               | G 17.00                                             | 3.50 | 6.50  | 50.00 |    |
| 34-6-138.....                                                                          | F 18.94                                             | 4.83 | 5.99  | 51.00 |    |
| Red Ring Coarse Chick Feed.....                                                        | G 9.00                                              | 2.50 | 4.00  | 60.00 |    |
| 34-6-142 <sup>12</sup> .....                                                           | F 10.38                                             | 3.25 | 2.01  | 72.17 |    |
| Red Ring Growing Mash with Buttermilk and Cod Liver Oil.....                           | G 16.00                                             | 3.00 | 8.00  | 45.00 |    |
| 34-6-139.....                                                                          | F 18.94                                             | 4.84 | 6.83  | 51.36 |    |
| Red Ring Laying Mash with Buttermilk.....                                              | G 18.00                                             | 4.00 | 7.25  | 45.00 |    |
| 34-6-137.....                                                                          | F 20.25                                             | 5.29 | 6.92  | 48.90 |    |
| Red Ring Pig Grower.....                                                               | G 17.00                                             | 4.50 | 8.00  | 50.00 |    |
| 34-6-143.....                                                                          | F 18.38                                             | 4.51 | 5.91  | 53.91 |    |
| <b>Boonville Mills Co., Boonville, Mo.</b>                                             |                                                     |      |       |       |    |
| Boonville Dairy Feed.....                                                              | G 12.50                                             | 4.00 | 9.50  | 55.00 |    |
| 34-7-117 <sup>8</sup> .....                                                            | F 12.69                                             | 5.92 | 6.17  | 58.97 |    |
| 34-10-159.....                                                                         | F 13.13                                             | 5.26 | 7.23  | 55.28 |    |
| Chicken Dinner Egg Mash.....                                                           | G 15.00                                             | 3.50 | 6.50  | 52.00 |    |
| 34-7-118.....                                                                          | F 19.00                                             | 5.84 | 4.71  | 55.21 |    |
| Red Head Baby Chick Scratch.....                                                       | G 10.00                                             | 3.00 | 9.00  | 70.00 |    |
| 34-7-119 <sup>9</sup> .....                                                            | F 12.00                                             | 5.38 | 1.85  | 68.63 |    |
| 34-10-160.....                                                                         | F 12.75                                             | 4.91 | 2.84  | 67.38 |    |
| Red Head Hen Scratch.....                                                              | G 10.00                                             | 3.00 | 3.00  | 68.00 |    |
| 34-2-222.....                                                                          | F 10.75                                             | 3.00 | 2.39  | 69.28 |    |
| Red Head Laying Mash also Growing Mash.....                                            | G 17.50                                             | 4.25 | 4.50  | 57.00 |    |
| 34-2-221.....                                                                          | F 19.63                                             | 6.26 | 3.91  | 51.35 |    |
| Wheat Bran with Wheat Scourings.....                                                   | G 14.50                                             | 3.00 | 10.50 | 53.50 |    |
| 34-2-218 <sup>4,5</sup> .....                                                          | F 15.75                                             | 4.06 | 10.00 | 51.13 |    |
| 34-7-121 <sup>4,5</sup> .....                                                          | F 15.81                                             | 3.48 | 11.00 | 50.60 |    |
| Wheat Gray Shorts with Ground Wheat Screenings not Exceeding 8 %.....                  | G 16.00                                             | 4.00 | 6.00  | 57.00 |    |
| 34-2-219 <sup>4,5</sup> .....                                                          | F 16.31                                             | 4.75 | 4.82  | 57.09 |    |
| 34-7-120 <sup>4,5</sup> .....                                                          | F 17.94                                             | 5.50 | 5.47  | 55.75 |    |
| Wheat Mixed Feed (Mill-Run) with Ground Wheat Screenings not to Exceed 8 %.....        | G 15.50                                             | 3.50 | 8.50  | 55.00 |    |
| 34-2-220 <sup>4,5</sup> .....                                                          | F 16.06                                             | 4.50 | 7.09  | 54.70 |    |
| <b>A. Boston and Sanderson, Bowling Green, Mo.</b>                                     |                                                     |      |       |       |    |
| Boston Egg Mash.....                                                                   | G 17.00                                             | 4.50 | 7.50  | 45.00 |    |
| 34-3-33 <sup>7,13</sup> .....                                                          | F 20.25                                             | 5.59 | 5.02  | 50.12 |    |
| 34-8-184.....                                                                          | F 22.63                                             | 6.41 | 5.99  | 48.89 |    |
| <b>Boyd-Kelso Milling Co., Joplin, Mo.</b>                                             |                                                     |      |       |       |    |
| Golden Rule Mixed Feed.....                                                            | G 12.00                                             | 3.50 | 13.50 | 54.00 |    |
| 34-8-149 <sup>5</sup> .....                                                            | F 13.25                                             | 3.74 | 14.14 | 52.18 |    |
| <b>Bowersock Mills and Power Co., Lawrence, Kan.</b>                                   |                                                     |      |       |       |    |
| Zephyr Wheat Gray Shorts with Ground Wheat Screenings not to Exceed 8 %.....           | G 16.00                                             | 3.50 | 6.00  | 55.00 |    |
| 34-3-130.....                                                                          | F 16.81                                             | 3.76 | 2.94  | 60.00 |    |
| <b>Bowman Milling Co., Pocahontas, Mo.</b>                                             |                                                     |      |       |       |    |
| Missouri Plan Growing Mash.....                                                        | G 16.00                                             | 3.00 | 8.00  | 45.00 |    |
| 34-10-90.....                                                                          | F 18.38                                             | 4.87 | 4.97  | 50.51 |    |
| Pride of the Flock Hen Feed.....                                                       | G 8.00                                              | 2.00 | 5.00  | 67.00 |    |
| 34-10-94 <sup>23</sup> .....                                                           | F 10.44                                             | 5.15 | 3.51  | 68.60 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein    Fat    Fiber N. F. E. |       |       |       |       |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------|-------|-------|-------|
|                                                                                          |                                                                                         |       |       |       |       |
| Pride of the Flock Laying Mash.....                                                      | G                                                                                       | 18.00 | 3.00  | 7.00  | 50.00 |
| 34-10-93.....                                                                            | F                                                                                       | 21.31 | 7.82  | 5.63  | 46.19 |
| Pocahontas Corn Chops.....                                                               | G                                                                                       | 7.00  | 3.00  | 3.00  | 65.00 |
| 34-11-89 <sup>3,23</sup> .....                                                           | F                                                                                       | 9.31  | 6.29  | 1.63  | 69.54 |
| Pocahontas Dairy Feed.....                                                               | G                                                                                       | 13.00 | 3.00  | 11.00 | 45.00 |
| 34-10-92.....                                                                            | F                                                                                       | 13.94 | 4.57  | 8.16  | 58.89 |
| Pocahontas Hominy Feed.....                                                              | G                                                                                       | 9.00  | 6.00  | 10.00 | 58.00 |
| 34-10-91.....                                                                            | F                                                                                       | 11.00 | 10.44 | 7.53  | 57.00 |
| Pocahontas Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run ..... | G                                                                                       | 13.00 | 3.00  | 11.00 | 52.00 |
| 34-10-89.....                                                                            | F                                                                                       | 14.50 | 4.85  | 7.66  | 57.21 |
| <b>Bradley Mineral Co., Eimo, Mo.</b>                                                    |                                                                                         |       |       |       |       |
| Bradley's Chick Starter and Grower.....                                                  | G                                                                                       | 17.00 | 4.00  | 6.00  | 58.00 |
| 34-5-156 <sup>4,5,12,16</sup> .....                                                      | F                                                                                       | 19.94 | 4.99  | 5.14  | 55.75 |
| Bradley's Laying Mash.....                                                               | G                                                                                       | 20.00 | 4.50  | 6.10  | 58.00 |
| 34-5-157 <sup>8</sup> .....                                                              | F                                                                                       | 14.53 | 4.44  | 7.31  | 58.58 |
| Bradley's Pig Meal.....                                                                  | G                                                                                       | 17.00 | 4.00  | 6.00  | 59.00 |
| 34-5-158 <sup>8</sup> .....                                                              | F                                                                                       | 13.63 | 4.26  | 6.54  | 59.76 |
| <b>Breed Milling Co., Garden City, Mo.</b>                                               |                                                                                         |       |       |       |       |
| Breed's Missouri Formula Growing Mash.....                                               | G                                                                                       | 17.00 | 3.50  | 6.00  | 46.00 |
| 34-11-117 <sup>7,26</sup> .....                                                          | F                                                                                       | 17.75 | 5.18  | 5.85  | 50.57 |
| Breed's Missouri Formula Laying Mash.....                                                | G                                                                                       | 20.00 | 3.50  | 6.50  | 44.00 |
| 34-11-116 <sup>7,26</sup> .....                                                          | F                                                                                       | 24.25 | 7.08  | 5.73  | 43.69 |
| Ground Screened Chops.....                                                               | G                                                                                       | 9.00  | 3.00  | 3.00  | 70.00 |
| 34-11-115 <sup>7</sup> .....                                                             | F                                                                                       | 9.69  | 4.44  | 1.71  | 71.82 |
| <b>Brittan and Son, Mt. Vernon, Mo.</b>                                                  |                                                                                         |       |       |       |       |
| Just Right Egg Mash.....                                                                 | G                                                                                       | 18.00 | 4.00  | 8.00  | 44.00 |
| 34-8-43 <sup>7,8</sup> .....                                                             | F                                                                                       | 18.31 | 5.09  | 5.97  | 54.48 |
| Just Right Growing Mash.....                                                             | G                                                                                       | 16.00 | 3.00  | 5.00  | 61.00 |
| 34-8-42 <sup>4,5,8</sup> .....                                                           | F                                                                                       | 14.94 | 5.09  | 5.29  | 61.88 |
| <b>F. W. Brody Corp., Memphis, Tenn.</b>                                                 |                                                                                         |       |       |       |       |
| Owl Brand 41 % Protein Cottonseed Meal.....                                              | G                                                                                       | 41.00 | 5.00  | 10.00 | 28.00 |
| 34-9-220 <sup>6</sup> .....                                                              | F                                                                                       | 41.50 | 7.97  | 9.36  | 27.11 |
| <b>Brown's Buylng Station, Wellsville, Mo.</b>                                           |                                                                                         |       |       |       |       |
| Brown's O. K. Egg Mash.....                                                              | G                                                                                       | 18.00 | 3.50  | 8.50  | 47.00 |
| 34-3-21 <sup>1</sup> .....                                                               | F                                                                                       | 20.13 | 7.95  | 4.54  | 49.10 |
| <b>Brunswick Feed and Elevator Co., Brunswick, Mo.</b>                                   |                                                                                         |       |       |       |       |
| New Missouri Formula All-Mash Chick Starter with<br>Meat Scraps and Cod Liver Oil... ..  | G                                                                                       | 14.50 | 3.00  | 5.00  | 50.00 |
| 34-9-185 <sup>23</sup> .....                                                             | F                                                                                       | 18.31 | 6.12  | 3.63  | 55.09 |
| New Missouri Formula Laying Mash with Cod Liver<br>Oil.....                              | G                                                                                       | 19.00 | 3.50  | 7.50  | 42.00 |
| 34-2-158.....                                                                            | F                                                                                       | 21.25 | 5.95  | 5.54  | 46.76 |
| 34-9-184 <sup>23</sup> .....                                                             | F                                                                                       | 21.38 | 7.12  | 5.39  | 47.67 |
| <b>R. S. Buchanan Co., Inc., Perry, Mo.</b>                                              |                                                                                         |       |       |       |       |
| Blossom Brand Egg Mash.....                                                              | G                                                                                       | 20.00 | 4.00  | 7.00  | 45.00 |
| 34-9-96 <sup>9,23</sup> .....                                                            | F                                                                                       | 18.91 | 5.88  | 5.70  | 52.16 |
| Blossom Brand Growing Mash.....                                                          | G                                                                                       | 17.00 | 3.60  | 6.00  | 54.00 |
| 34-9-97 <sup>23</sup> .....                                                              | F                                                                                       | 20.13 | 5.50  | 4.17  | 49.89 |
| Special Egg Mash.....                                                                    | G                                                                                       | 20.00 | 4.00  | 6.00  | 44.00 |
| 34-9-98 <sup>23</sup> .....                                                              | F                                                                                       | 21.19 | 5.95  | 4.42  | 47.41 |
| <b>Buckeye Cotton Oil Co., Cincinnati, Ohio</b>                                          |                                                                                         |       |       |       |       |
| Buckeye 41.13 % Protein Prime Cottonseed Meal....                                        | G                                                                                       | 41.13 | 5.00  | 13.00 | 25.00 |
| 34-10-85 <sup>3,28</sup> .....                                                           | F                                                                                       | 42.50 | 7.58  | 10.32 | 26.06 |
| <b>A. T. Buehler Mill, Glen Allen, Mo.</b>                                               |                                                                                         |       |       |       |       |
| Wheat Mixed Feed with Ground Wheat Screenings not<br>Exceeding Mill-run .....            | G                                                                                       | 15.00 | 3.50  | 8.50  | 55.00 |
| 34-10-106 <sup>7,31</sup> .....                                                          | F                                                                                       | 15.00 | 3.79  | 6.94  | 57.81 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |         |       |       |          |
|----------------------------------------------------------------------------------------|--------------------------------|---------|-------|-------|----------|
|                                                                                        | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber | N. F. E. |
| <b>Buhler Mill and Elevator Co., Buhler, Kan.</b>                                      |                                |         |       |       |          |
| Gray Wheat Shorts and Screenings.....                                                  | G                              | 16.00   | 3.50  | 5.50  | 55.00    |
| 34-1-65 <sup>1</sup> .....                                                             | F                              | 17.06   | 3.57  | 5.67  | 57.80    |
| Wheat Bran and Screenings.....                                                         | G                              | 14.50   | 3.50  | 11.00 | 47.00    |
| 34-1-75 <sup>1</sup> .....                                                             | F                              | 17.69   | 3.97  | 8.55  | 51.14    |
| <b>Calro Meal and Cake Co., Cairo, Ill.</b>                                            |                                |         |       |       |          |
| "Miss Cairo" Brand 41 % Protein Cottonseed Meal..                                      | G                              | 41.00   | 6.00  | 10.00 | 16.00    |
| 34-1-187 <sup>6</sup> .....                                                            | F                              | 39.71   | 6.33  | 11.10 | 27.87    |
| 34-12-1 <sup>4,5</sup> .....                                                           | F                              | 41.10   | 6.80  | 9.63  | 27.86    |
| "Miss Cairo" Brand 43 % Protein Cottonseed Cake..                                      | G                              | 43.00   | 6.00  | 10.00 | 25.00    |
| 34-3-23 <sup>18</sup> .....                                                            | F                              | 36.00   | 9.40  | 8.04  | 34.30    |
| "Miss Cairo" Brand 43 % Protein Cottonseed Meal..                                      | G                              | 43.00   | 6.00  | 10.00 | 26.00    |
| 34-2-146 <sup>6</sup> .....                                                            | F                              | 42.75   | 7.95  | 7.80  | 26.87    |
| 34-3-79 <sup>9</sup> .....                                                             | F                              | 41.72   | 6.82  | 9.39  | 28.06    |
| 34-10-209 <sup>7</sup> .....                                                           | F                              | 42.00   | 6.96  | 9.91  | 26.85    |
| <b>California Produce Co., California, Mo.</b>                                         |                                |         |       |       |          |
| California's All Mash Chick Starter.....                                               | G                              | 15.00   | 3.00  | 7.00  | 46.00    |
| 34-6-30.....                                                                           | F                              | 17.94   | 4.90  | 3.55  | 58.39    |
| California Dairy Feed.....                                                             | G                              | 15.00   | 3.00  | 12.00 | 40.00    |
| 34-7-140.....                                                                          | F                              | 15.69   | 3.81  | 5.21  | 61.16    |
| Ferguson's Egg Mash.....                                                               | G                              | 20.00   | 3.50  | 7.00  | 46.00    |
| 34-3-259 <sup>7</sup> .....                                                            | F                              | 23.38   | 5.21  | 4.40  | 47.91    |
| 34-6-31 <sup>7</sup> .....                                                             | F                              | 23.63   | 3.67  | 4.44  | 51.26    |
| <b>R. T. Campbell, Russellville, Mo.</b>                                               |                                |         |       |       |          |
| Campbell's Laying Mash.....                                                            | G                              | 18.00   | 5.00  | 3.25  | 52.00    |
| 34-11-46 <sup>23</sup> .....                                                           | F                              | 21.31   | 5.24  | 3.71  | 52.38    |
| R. T. C. Laying Mash.....                                                              | G                              | 18.00   | 3.50  | 6.00  | 46.00    |
| 34-7-215 <sup>8,23</sup> .....                                                         | F                              | 18.94   | 7.37  | 4.89  | 52.22    |
| 34-11-47 <sup>14,23</sup> .....                                                        | F                              | 18.50   | 4.75  | 6.23  | 51.46    |
| <b>Canton Co-Operative Elevator Co., Canton, Mo.</b>                                   |                                |         |       |       |          |
| Missouri Formula All-Mash Chick Starter.....                                           | G                              | 14.50   | 3.00  | 5.00  | 50.00    |
| 34-6-70 <sup>7</sup> .....                                                             | F                              | 14.88   | 3.96  | 3.19  | 61.55    |
| Missouri Formula Growing Mash.....                                                     | G                              | 17.00   | 3.50  | 6.00  | 44.00    |
| 34-6-71.....                                                                           | F                              | 24.19   | 4.64  | 4.55  | 45.20    |
| Missouri Formula Laying Mash.....                                                      | G                              | 20.00   | 3.50  | 7.00  | 44.00    |
| 34-6-69 <sup>7</sup> .....                                                             | F                              | 19.41   | 4.43  | 4.75  | 53.36    |
| <b>Cape County Milling Co., Jackson, Mo.</b>                                           |                                |         |       |       |          |
| Capco Brown Wheat Shorts with Ground Wheat<br>Screenings not Exceeding Mill-Run.....   | G                              | 16.00   | 3.75  | 7.50  | 55.00    |
| 34-3-202.....                                                                          | F                              | 17.63   | 4.39  | 5.99  | 54.03    |
| 34-4-147.....                                                                          | F                              | 16.06   | 4.84  | 6.81  | 55.39    |
| 34-6-89.....                                                                           | F                              | 17.25   | 3.87  | 5.36  | 57.24    |
| 34-9-198.....                                                                          | F                              | 17.38   | 4.96  | 5.82  | 54.45    |
| 34-9-217 <sup>23</sup> .....                                                           | F                              | 15.41   | 4.74  | 5.81  | 57.34    |
| 34-11-77.....                                                                          | F                              | 18.36   | 5.38  | 6.90  | 53.60    |
| 34-12-9.....                                                                           | F                              | 15.19   | 4.92  | 6.22  | 57.78    |
| Capco Hominy Feed and Corn Screenings.....                                             | G                              | 9.50    | 7.00  | 8.00  | 60.00    |
| 34-1-47 <sup>9</sup> .....                                                             | F                              | 12.00   | 10.12 | 5.76  | 57.45    |
| Capco Wheat Bran.....                                                                  | G                              | 14.50   | 3.65  | 11.00 | 50.00    |
| 34-1-96.....                                                                           | F                              | 15.81   | 3.77  | 10.67 | 50.39    |
| 34-3-184.....                                                                          | F                              | 16.00   | 4.67  | 9.85  | 49.78    |
| 34-4-146.....                                                                          | F                              | 15.38   | 4.60  | 9.01  | 51.94    |
| 34-6-91.....                                                                           | F                              | 16.00   | 4.02  | 9.44  | 50.16    |
| 34-9-197.....                                                                          | F                              | 15.13   | 4.51  | 10.72 | 49.41    |
| 34-11-75.....                                                                          | F                              | 16.88   | 4.55  | 10.14 | 49.54    |
| 34-12-10.....                                                                          | F                              | 14.03   | 3.84  | 10.16 | 52.26    |
| Capco Wheat Mixed Feed with Ground Wheat Screen-<br>ings not Exceeding Mill-Run.....   | G                              | 15.00   | 3.70  | 8.50  | 55.00    |
| 34-1-97.....                                                                           | F                              | 16.63   | 4.33  | 7.84  | 51.15    |
| 34-3-203.....                                                                          | F                              | 17.00   | 4.29  | 7.18  | 52.52    |
| 34-4-148.....                                                                          | F                              | 16.19   | 4.94  | 7.71  | 54.26    |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |       |    |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|-------|----|
|                                                                                        | Protein                                             | Fat  | Fiber | N. F. | E. |
| 34-6-90.....                                                                           | F 15.31                                             | 3.87 | 7.18  | 57.79 |    |
| 34-9-196 <sup>23</sup> .....                                                           | F 16.63                                             | 4.51 | 7.65  | 53.54 |    |
| 34-9-218 <sup>23</sup> .....                                                           | F 14.66                                             | 4.19 | 9.42  | 52.15 |    |
| 34-11-76 <sup>14</sup> .....                                                           | F 17.75                                             | 5.52 | 9.02  | 51.55 |    |
| Gold Leaf Laying Mash.....                                                             | G 18.00                                             | 4.50 | 6.00  | 50.00 |    |
| 34-1-33.....                                                                           | F 19.75                                             | 5.32 | 4.85  | 47.46 |    |
| Screened Corn Chop.....                                                                | G 9.00                                              | 3.50 | 3.50  | 65.00 |    |
| 34-1-34.....                                                                           | F 8.70                                              | 3.74 | 1.71  | 70.70 |    |
| <b>Carlson Seed Co., Joplin, Mo.</b>                                                   |                                                     |      |       |       |    |
| Bob White Dairy.....                                                                   | G 16.00                                             | 3.50 | 12.00 | 47.00 |    |
| 34-8-83.....                                                                           | F 17.88                                             | 3.87 | 10.96 | 50.15 |    |
| Bob White Laying Mash.....                                                             | G 19.00                                             | 3.50 | 7.00  | 48.00 |    |
| 34-8-79.....                                                                           | F 21.81                                             | 5.59 | 6.12  | 45.40 |    |
| Bob White Scratch.....                                                                 | G 12.00                                             | 4.00 | 6.00  | 65.00 |    |
| 34-8-81.....                                                                           | F 11.25                                             | 4.27 | 2.22  | 70.76 |    |
| Bunny Dairy.....                                                                       | G 12.00                                             | 3.50 | 16.00 | 40.00 |    |
| 34-8-82.....                                                                           | F 13.31                                             | 4.19 | 11.83 | 54.46 |    |
| Bunny Growing Mash.....                                                                | G 15.00                                             | 4.00 | 5.00  | 41.00 |    |
| 34-8-85.....                                                                           | F 20.00                                             | 5.62 | 4.90  | 49.76 |    |
| Bunny Laying Mash.....                                                                 | G 17.00                                             | 3.50 | 7.00  | 50.00 |    |
| 34-8-80.....                                                                           | F 18.50                                             | 5.55 | 5.13  | 52.16 |    |
| Bunny Scratch.....                                                                     | G 10.00                                             | 3.00 | 6.00  | 60.00 |    |
| 34-8-86.....                                                                           | F 10.69                                             | 3.65 | 1.72  | 73.23 |    |
| Carlson's Calf Meal.....                                                               | G 23.00                                             | 3.00 | 4.00  | 46.00 |    |
| 34-8-87 <sup>2</sup> .....                                                             | F 23.81                                             | 3.15 | 1.33  | 57.83 |    |
| Carlson's Starter.....                                                                 | G 15.00                                             | 4.00 | 4.50  | 50.00 |    |
| 34-8-84 <sup>2</sup> .....                                                             | F 15.31                                             | 5.36 | 4.67  | 58.42 |    |
| Screen Yellow Chop.....                                                                | G 9.00                                              | 3.50 | 4.00  | 65.00 |    |
| 34-8-88 <sup>9</sup> .....                                                             | F 9.50                                              | 4.13 | 1.71  | 73.17 |    |
| <b>Carman Mercantile Co., Eldorado Springs, Mo.</b>                                    |                                                     |      |       |       |    |
| The Mortgage Lifter Growing Mash No. 1.....                                            | G 15.00                                             | 5.00 | 5.00  | 55.00 |    |
| 34-2-97.....                                                                           | F 16.69                                             | 5.07 | 4.76  | 51.27 |    |
| 34-9-122.....                                                                          | F 16.44                                             | 4.85 | 5.70  | 54.81 |    |
| The Mortgage Lifter Laying Mash No. 2.....                                             | G 18.00                                             | 5.00 | 5.00  | 52.00 |    |
| 34-2-98.....                                                                           | F 18.94                                             | 5.70 | 3.74  | 44.86 |    |
| 34-9-123.....                                                                          | F 20.63                                             | 5.23 | 5.07  | 49.64 |    |
| <b>Carter Elevator Co., Jasper, Mo.</b>                                                |                                                     |      |       |       |    |
| Carter's Dairy Feed.....                                                               | G 17.00                                             | 3.25 | 10.00 | 46.00 |    |
| 34-5-139 <sup>7,21</sup> .....                                                         | F 18.00                                             | 4.66 | 8.65  | 52.69 |    |
| 34-9-115 <sup>7</sup> .....                                                            | F 18.63                                             | 5.03 | 8.93  | 52.34 |    |
| Carter's Egg Mash.....                                                                 | G 17.00                                             | 4.00 | 7.00  | 48.00 |    |
| 34-6-41 <sup>7,8</sup> .....                                                           | F 20.00                                             | 5.34 | 6.03  | 48.86 |    |
| 34-9-114 <sup>7</sup> .....                                                            | F 20.63                                             | 5.54 | 6.18  | 49.24 |    |
| Corn Feed Meal.....                                                                    | G 9.00                                              | 4.00 | 2.75  | 68.00 |    |
| 34-6-43 <sup>4,5</sup> .....                                                           | F 9.69                                              | 4.75 | 1.87  | 70.92 |    |
| 34-9-26 <sup>4,5</sup> .....                                                           | F 10.06                                             | 4.89 | 2.09  | 71.14 |    |
| Just Right All Mash Chick Starter.....                                                 | G 15.00                                             | 3.00 | 4.00  | 57.00 |    |
| 34-5-138 <sup>4,5,14,15,20</sup> .....                                                 | F 16.31                                             | 4.81 | 4.56  | 56.60 |    |
| Just Right Egg Mash.....                                                               | G 18.00                                             | 3.50 | 7.00  | 53.00 |    |
| 34-5-137 <sup>4,5,14,15,20</sup> .....                                                 | F 19.63                                             | 4.90 | 6.12  | 49.84 |    |
| 34-9-113 <sup>4,5</sup> .....                                                          | F 20.81                                             | 5.59 | 7.57  | 49.19 |    |
| Steel Cut Corn Chops.....                                                              | G 9.50                                              | 3.50 | 3.00  | 70.00 |    |
| 34-6-42 <sup>4,5</sup> .....                                                           | F 9.66                                              | 3.57 | 1.24  | 73.49 |    |
| 34-9-25 <sup>4,5</sup> .....                                                           | F 10.31                                             | 4.33 | 1.95  | 71.97 |    |
| <b>Carter Feed Milling Co., Odessa, Mo.</b>                                            |                                                     |      |       |       |    |
| Economy 16 % Dairy Ration.....                                                         | G 16.00                                             | 3.00 | 8.00  | 55.00 |    |
| 34-1-4 <sup>1</sup> .....                                                              | F 16.00                                             | 4.96 | 6.80  | 52.30 |    |
| Economy Egg Mash (with Cod Liver Oil and Butter-<br>milk).....                         | G 20.00                                             | 4.50 | 6.00  | 47.00 |    |
| 34-1-3.....                                                                            | F 17.06                                             | 4.51 | 5.52  | 50.66 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| <b>Carthage Custom Mill, Carthage, Mo.</b>                                             |                   |                |               |         |                    |
| Screened Corn Chops.....                                                               | G                 | 9.00           | 3.00          | 3.00    | 65.00              |
| 34-2-138 <sup>2</sup> .....                                                            | F                 | 9.63           | 4.06          | 1.63    | 70.53              |
| <b>Carthage Farmers Exchange, Carthage, Mo.</b>                                        |                   |                |               |         |                    |
| Rite Good Chick Ration (All Mash).....                                                 | G                 | 15.00          | 4.00          | 7.00    | 55.00              |
| 34-2-133 <sup>8,12</sup> .....                                                         | F                 | 16.06          | 5.05          | 3.96    | 56.34              |
| 34-9-27 <sup>4,5,8,12</sup> .....                                                      | F                 | 16.69          | 6.10          | 4.52    | 56.04              |
| Victor Egg Mash.....                                                                   | G                 | 18.00          | 5.00          | 8.00    | 40.00              |
| 34-2-134 <sup>10</sup> .....                                                           | F                 | 21.63          | 5.56          | 8.82    | 42.71              |
| 34-9-28 <sup>5,26</sup> .....                                                          | F                 | 22.13          | 5.78          | 6.35    | 46.85              |
| <b>Central Feed Co., Sedalia, Mo.</b>                                                  |                   |                |               |         |                    |
| Missouri Hen Feed.....                                                                 | G                 | 9.00           | 2.50          | 3.50    | 68.00              |
| 34-3-12 <sup>5</sup> .....                                                             | F                 | 10.19          | 4.32          | 1.56    | 70.17              |
| Missouri Laying Mash.....                                                              | G                 | 17.50          | 3.50          | 8.00    | 50.00              |
| 34-3-11.....                                                                           | F                 | 15.81          | 5.39          | 5.24    | 52.88              |
| <b>Centrox Dairy, Centerville, Iowa</b>                                                |                   |                |               |         |                    |
| Centrox Dried Buttermilk.....                                                          | G                 | 30.00          | 5.00          | 0.00    | 32.00              |
| 34-8-58.....                                                                           | F                 | 37.88          | 7.63          | 0.00    | 37.74              |
| <b>Chaffee Mill and Grain Co., Chaffee, Mo.</b>                                        |                   |                |               |         |                    |
| Grey Wheat Shorts and Wheat Screenings.....                                            | G                 | 14.50          | 3.50          | 6.00    | 50.00              |
| 34-1-93.....                                                                           | F                 | 15.31          | 3.83          | 3.38    | 62.26              |
| Wheat Bran and Wheat Screenings.....                                                   | G                 | 14.50          | 2.95          | 10.00   | 50.00              |
| 34-1-92.....                                                                           | F                 | 15.06          | 3.67          | 10.60   | 52.38              |
| <b>Champion Roller Mill, Sullivan, Mo.</b>                                             |                   |                |               |         |                    |
| Champion Growing Mash.....                                                             | G                 | 15.00          | 4.00          | 6.00    | 57.00              |
| 34-9-149 <sup>2</sup> .....                                                            | F                 | 19.81          | 4.76          | 5.47    | 52.76              |
| Champion Laying Mash.....                                                              | G                 | 18.00          | 6.00          | 4.00    | 45.00              |
| 34-9-148 <sup>2</sup> .....                                                            | F                 | 20.81          | 5.90          | 5.30    | 50.45              |
| <b>Cherokee Cotton Oil Co., Fort Smlth, Ark.</b>                                       |                   |                |               |         |                    |
| Cherokee Brand Cotton Seed Meal 43 %.....                                              | G                 | 43.00          | 6.00          | 12.00   | 23.00              |
| 34-4-57.....                                                                           | F                 | 43.00          | 6.89          | 10.47   | 26.17              |
| 34-4-58.....                                                                           | F                 | 43.19          | 6.59          | 11.03   | 25.70              |
| 34-7-103 <sup>7,24</sup> .....                                                         | F                 | 43.19          | 6.82          | 11.53   | 26.48              |
| 34-9-23 <sup>4,5,9,23</sup> .....                                                      | F                 | 44.25          | 7.01          | 9.91    | 25.63              |
| <b>Cherokee Grain Co., Cherokee, Kan.</b>                                              |                   |                |               |         |                    |
| Country Girl Hen Feed.....                                                             | G                 | 10.50          | 2.50          | 5.50    | 60.00              |
| 34-8-156 <sup>4,23</sup> .....                                                         | F                 | 11.25          | 3.18          | 2.21    | 71.99              |
| <b>Choctaw Sales Co., Kansas City, Mo.</b>                                             |                   |                |               |         |                    |
| 43 % Cottonseed Cake.....                                                              | G                 | 43.00          | 5.00          | 12.00   | 23.00              |
| 34-11-145 <sup>7</sup> .....                                                           | F                 | 43.26          | 7.97          | 7.87    | 26.69              |
| 43 % Cottonseed Meal.....                                                              | G                 | 43.00          | 5.00          | 12.00   | 23.00              |
| 34-1-231 <sup>7,10</sup> .....                                                         | F                 | 44.19          | 8.50          | 9.24    | 24.96              |
| Choctaw Prime Cottonseed Meal 41 %.....                                                | G                 | 41.00          | 5.00          | 14.00   | 23.00              |
| 34-8-199 <sup>7</sup> .....                                                            | F                 | 41.56          | 6.50          | 10.24   | 28.40              |
| <b>E. Cignetti, Mindenmines, Mo.</b>                                                   |                   |                |               |         |                    |
| Cignetti Dairy Feed No. 2.....                                                         | G                 | 16.00          | 3.20          | 13.00   | 53.00              |
| 34-1-32 <sup>1,2</sup> .....                                                           | F                 | 16.56          | 5.41          | 7.26    | 54.83              |
| Cignetti Hen Feed.....                                                                 | G                 | 10.00          | 2.50          | 4.00    | 65.00              |
| 34-7-197 <sup>8</sup> .....                                                            | F                 | 11.75          | 5.18          | 2.36    | 70.35              |
| Cignetti Horse and Mule Feed.....                                                      | G                 | 10.00          | 2.70          | 11.00   | 60.00              |
| 34-7-196.....                                                                          | F                 | 12.50          | 5.01          | 8.07    | 59.90              |
| Cignetti Laying Mash.....                                                              | G                 | 18.00          | 3.70          | 7.00    | 53.00              |
| 34-7-195 <sup>8</sup> .....                                                            | F                 | 18.81          | 5.87          | 5.37    | 56.08              |
| <b>City Ice and Fuel Co., St. Louis, Mo.</b>                                           |                   |                |               |         |                    |
| Egg Lay Hen Feed.....                                                                  | G                 | 10.00          | 2.50          | 5.00    | 64.00              |
| 34-6-9.....                                                                            | F                 | 10.56          | 4.26          | 2.10    | 70.71              |
| 34-12-129.....                                                                         | F                 | 11.88          | 3.19          | 2.67    | 68.57              |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |          |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|----------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |          |
|                                                                                        |                   | Protein        | Fat           | Fiber | N. F. E. |
| Inkrees Laying Mash.....                                                               | G                 | 18.00          | 4.00          | 10.00 | 44.00    |
| 34-6-10.....                                                                           | F                 | 18.88          | 5.93          | 6.77  | 51.39    |
| 34-12-130.....                                                                         | F                 | 20.63          | 5.35          | 2.26  | 53.99    |
| Missouri Dairy Feed.....                                                               | G                 | 13.00          | 3.00          | 17.00 | 38.00    |
| 34-6-12.....                                                                           | F                 | 15.25          | 3.34          | 10.88 | 54.17    |
| Missouri Sweet Horse and Mule Feed.....                                                | G                 | 9.00           | 2.00          | 17.00 | 46.00    |
| 34-6-11.....                                                                           | F                 | 9.06           | 2.63          | 11.19 | 62.57    |
| <b>City Mills (c/o Lipscomb Grain and Seed Co.),<br/>Springfield, Mo.</b>              |                   |                |               |       |          |
| Blue Jay Mixed Feed.....                                                               | G                 | 10.00          | 3.00          | 18.00 | 45.00    |
| 34-10-248 <sup>31</sup> .....                                                          | F                 | 13.50          | 3.66          | 16.68 | 49.13    |
| Blue Jay Mixed Feed (with Molasses).....                                               | G                 | 10.00          | 2.50          | 12.00 | 50.00    |
| 34-1-110.....                                                                          | F                 | 12.50          | 2.63          | 8.95  | 55.27    |
| 34-10-236 <sup>8,31</sup> .....                                                        | F                 | 10.44          | 3.12          | 11.28 | 56.31    |
| Egg-O-See Egg Mash.....                                                                | G                 | 18.00          | 4.00          | 8.00  | 45.00    |
| 34-1-104.....                                                                          | F                 | 18.56          | 4.95          | 1.48  | 54.97    |
| 34-10-247.....                                                                         | F                 | 18.75          | 5.73          | 7.37  | 49.10    |
| <b>Clardy Feed and Milling Co., Gashland, Mo.</b>                                      |                   |                |               |       |          |
| Mrs. Johnson's Success Laying Mash.....                                                | G                 | 17.50          | 3.98          | 6.00  | 52.00    |
| 34-7-10 <sup>4,5,8,12,18</sup> .....                                                   | F                 | 18.00          | 4.57          | 5.30  | 54.58    |
| Our Own Growing Mash.....                                                              | G                 | 16.00          | 4.50          | 6.00  | 50.00    |
| 34-7-9.....                                                                            | F                 | 16.88          | 5.63          | 4.04  | 56.87    |
| Our Own Starting Mash.....                                                             | G                 | 17.00          | 4.50          | 5.50  | 45.00    |
| 34-7-8.....                                                                            | F                 | 17.91          | 5.53          | 4.14  | 55.76    |
| <b>Clark Milling Co., St. Joseph, Mo.</b>                                              |                   |                |               |       |          |
| Circle C Hen Scratch.....                                                              | G                 | 10.72          | 2.19          | 2.95  | 70.90    |
| 34-4-132 <sup>9</sup> .....                                                            | F                 | 11.13          | 3.44          | 2.83  | 67.66    |
| Contest Fattening Mash.....                                                            | G                 | 17.25          | 3.75          | 5.00  | 58.50    |
| 34-4-127 <sup>9</sup> .....                                                            | F                 | 17.81          | 4.05          | 3.20  | 59.78    |
| Contest Laying Mash.....                                                               | G                 | 18.50          | 3.75          | 6.50  | 49.50    |
| 34-4-126.....                                                                          | F                 | 22.44          | 4.42          | 6.23  | 46.01    |
| Three In One Poultry Mash.....                                                         | G                 | 16.75          | 4.25          | 6.00  | 48.00    |
| 34-4-125.....                                                                          | F                 | 18.81          | 5.70          | 3.69  | 51.26    |
| <b>Clark Rocklage and Fowler, Richmond, Mo.</b>                                        |                   |                |               |       |          |
| Missouri Formula Laying Mash.....                                                      | G                 | 18.00          | 3.00          | 7.00  | 44.00    |
| 34-3-123 <sup>7,10</sup> .....                                                         | F                 | 18.75          | 6.04          | 5.35  | 49.24    |
| <b>F. W. Clemens Feed Co., St. Louis, Mo.</b>                                          |                   |                |               |       |          |
| F. W. Clemens Hen Feed.....                                                            | G                 | 10.23          | 2.65          | 3.88  | 64.78    |
| 34-6-15 <sup>9</sup> .....                                                             | F                 | 10.94          | 3.73          | 2.43  | 70.89    |
| 34-8-22.....                                                                           | F                 | 11.13          | 3.69          | 2.76  | 70.81    |
| F. W. Clemens Laying Mash.....                                                         | G                 | 20.40          | 4.61          | 8.98  | 45.30    |
| 34-6-16 <sup>9</sup> .....                                                             | F                 | 21.31          | 4.87          | 7.56  | 49.89    |
| 34-8-23.....                                                                           | F                 | 21.19          | 5.51          | 8.61  | 47.76    |
| <b>Clyde Milling and Elevator Co., Clyde, Kan.</b>                                     |                   |                |               |       |          |
| Pointer Gray Wheat Shorts.....                                                         | G                 | 16.00          | 3.50          | 6.00  | 55.00    |
| 34-6-73.....                                                                           | F                 | 19.50          | 4.32          | 6.24  | 54.84    |
| Pointer Wheat Bran with Scourings.....                                                 | G                 | 14.50          | 3.50          | 11.00 | 47.00    |
| 34-6-72.....                                                                           | F                 | 20.81          | 4.72          | 9.86  | 46.85    |
| <b>Cole County Farmers Co-operative Co., Jefferson<br/>City, Mo.</b>                   |                   |                |               |       |          |
| Duplex 14 % Protein Dairy Feed.....                                                    | G                 | 14.00          | 3.50          | 8.50  | 54.00    |
| 34-1-123.....                                                                          | F                 | 15.88          | 4.07          | 7.22  | 57.34    |
| 34-5-18.....                                                                           | F                 | 16.25          | 4.42          | 6.91  | 55.19    |
| 34-11-39.....                                                                          | F                 | 16.44          | 4.43          | 6.71  | 55.26    |
| Duplex 16 % Dairy Feed.....                                                            | G                 | 16.00          | 6.50          | 8.50  | 48.00    |
| 34-5-19 <sup>8,9</sup> .....                                                           | F                 | 19.63          | 4.82          | 7.35  | 51.48    |
| Duplex 16 % Protein Laying Mash.....                                                   | G                 | 16.00          | 3.00          | 6.50  | 45.00    |
| 34-1-122 <sup>8</sup> .....                                                            | F                 | 22.88          | 5.16          | 5.35  | 51.02    |
| 34-5-22 <sup>9</sup> .....                                                             | F                 | 19.31          | 5.21          | 5.04  | 52.64    |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key                                            | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |       |    |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|-------|----|
|                                                                                                                                   | Protein                                             | Fat  | Fiber | N. F. | E. |
| Duplex 16 % Protein Laying Mash Plus.....                                                                                         | G 16.00                                             | 3.50 | 6.50  | 45.00 |    |
| 34-5-21.....                                                                                                                      | F 19.19                                             | 5.18 | 5.45  | 52.26 |    |
| 34-11-40 <sup>8,14</sup> .....                                                                                                    | F 19.31                                             | 6.04 | 6.41  | 50.23 |    |
| Duplex All-Mash Chick Ration.....                                                                                                 | G 15.00                                             | 4.00 | 6.00  | 55.00 |    |
| 34-5-23 <sup>8</sup> .....                                                                                                        | F 16.31                                             | 4.21 | 3.88  | 59.39 |    |
| Duplex Hen Scratch.....                                                                                                           | G 10.00                                             | 2.00 | 4.00  | 52.00 |    |
| 34-5-20 <sup>9</sup> .....                                                                                                        | F 10.19                                             | 2.74 | 2.31  | 70.96 |    |
| <b>H. C. Cole Milling Co., Chester, Ill.</b>                                                                                      |                                                     |      |       |       |    |
| Omega Pure Soft Winter Wheat Bran from Pure Soft<br>Red Winter Wheat.....                                                         | G 14.50                                             | 3.50 | 10.50 | 54.00 |    |
| 34-11-152.....                                                                                                                    | F 15.69                                             | 4.12 | 9.13  | 53.97 |    |
| Omega Wheat Gray Shorts and Ground Wheat Screen-<br>ings not Exceeding Mill-run from Pure Soft Red<br>Winter Wheat.....           | G 16.00                                             | 4.50 | 6.00  | 57.00 |    |
| 34-2-5.....                                                                                                                       | F 16.19                                             | 5.05 | 6.13  | 57.12 |    |
| 34-3-199.....                                                                                                                     | F 16.03                                             | 4.94 | 5.96  | 58.04 |    |
| 34-11-150 <sup>14</sup> .....                                                                                                     | F 17.06                                             | 5.21 | 6.33  | 51.17 |    |
| <b>E. C. Coleman and Co., Silkeston, Mo.</b>                                                                                      |                                                     |      |       |       |    |
| Semo Brand Cottonseed Meal.....                                                                                                   | G 40.00                                             | 7.00 | 11.00 | 28.00 |    |
| 34-1-46 <sup>1,2</sup> .....                                                                                                      | F 37.88                                             | 9.23 | 11.60 | 28.18 |    |
| Semo Brand Cottonseed Meal.....                                                                                                   | G 41.00                                             | 7.00 | 11.00 | 28.00 |    |
| 34-11-188 <sup>24</sup> .....                                                                                                     | F 41.19                                             | 7.52 | 12.08 | 27.53 |    |
| <b>Columbla Co-op. Warehouse Assn., Columbla, Mo.</b>                                                                             |                                                     |      |       |       |    |
| J. C. Laying Mash.....                                                                                                            | G 18.00                                             | 4.50 | 6.00  | 50.00 |    |
| 34-5-183.....                                                                                                                     | F 18.50                                             | 5.07 | 5.06  | 54.05 |    |
| <b>Combs Flour, Feed and Fuel Yard, Lamar, Mo.</b>                                                                                |                                                     |      |       |       |    |
| Comb's Dairy Feed.....                                                                                                            | G 16.00                                             | 4.00 | 10.00 | 54.00 |    |
| 34-5-118.....                                                                                                                     | F 16.50                                             | 4.77 | 9.53  | 50.50 |    |
| 34-7-194.....                                                                                                                     | F 17.00                                             | 5.42 | 8.71  | 54.05 |    |
| <b>The G. E. Conkey Co., Cleveland, Ohio.</b>                                                                                     |                                                     |      |       |       |    |
| Conkey's Broiler Mash (with Y-O Cod Liver Oil,<br>Yeast, Soybean Oil Meal, Wheat Standard Mid-<br>dlings, Red Oxide of Iron)..... | G 19.00                                             | 4.00 | 7.00  | 45.00 |    |
| 34-12-17.....                                                                                                                     | F 18.94                                             | 6.06 | 4.56  | 54.24 |    |
| <b>John Connolly, Fair Play, Mo.</b>                                                                                              |                                                     |      |       |       |    |
| Connolly Egg Mash.....                                                                                                            | G 18.13                                             | 4.46 | 7.09  | 50.93 |    |
| 34-5-74 <sup>4,5,8</sup> .....                                                                                                    | F 17.81                                             | 5.13 | 4.91  | 53.65 |    |
| 34-10-9 <sup>2</sup> .....                                                                                                        | F 18.13                                             | 4.80 | 5.24  | 53.98 |    |
| Screened Corn Chops.....                                                                                                          | G 8.50                                              | 3.00 | 3.50  | 67.50 |    |
| 34-10-10 <sup>2</sup> .....                                                                                                       | F 9.63                                              | 4.37 | 1.95  | 72.46 |    |
| <b>L. V. Conrad, Sedgewickville, Mo.</b>                                                                                          |                                                     |      |       |       |    |
| Gray Wheat Shorts.....                                                                                                            | G 15.00                                             | 3.50 | 6.00  | 55.00 |    |
| 34-12-7.....                                                                                                                      | F 18.63                                             | 5.70 | 5.18  | 54.88 |    |
| Wheat and Corn Bran.....                                                                                                          | G 14.00                                             | 3.50 | 4.00  | 53.00 |    |
| 34-12-8.....                                                                                                                      | F 14.88                                             | 3.91 | 6.44  | 58.60 |    |
| <b>Consolidated Flour Mills Co., Wichita, Kan.</b>                                                                                |                                                     |      |       |       |    |
| Wheat Bran and Wheat Screenings.....                                                                                              | G 14.50                                             | 3.50 | 11.00 | 47.00 |    |
| 34-1-263.....                                                                                                                     | F 17.69                                             | 3.90 | 9.46  | 49.72 |    |
| 34-2-75.....                                                                                                                      | F 16.56                                             | 4.19 | 9.31  | 49.95 |    |
| Wheat Gray Shorts and Wheat Scourings.....                                                                                        | G 16.00                                             | 3.50 | 6.00  | 55.00 |    |
| 34-5-8.....                                                                                                                       | F 17.75                                             | 4.39 | 4.78  | 58.28 |    |
| 34-8-209.....                                                                                                                     | F 19.31                                             | 4.46 | 6.30  | 54.11 |    |
| <b>Consolidated Products Co., Danville, Ill.</b>                                                                                  |                                                     |      |       |       |    |
| Pure Dried Buttermilk.....                                                                                                        | G 30.00                                             | 5.50 | 0.00  | 40.00 |    |
| 34-3-158.....                                                                                                                     | F 33.88                                             | 7.08 | 0.00  | 40.51 |    |
| 34-10-72 <sup>3,6</sup> .....                                                                                                     | F 35.88                                             | 7.79 | 0.00  | 39.60 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |       |       |          |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|-------|-------|----------|
|                                                                                        | Protein                                             | Fat   | Fiber | N. F. E. |
| <b>Co-op. Ass'n No. 37, Fordland Farmers Exchange,<br/>Fordland, Mo.</b>               |                                                     |       |       |          |
| Baby Chick Starter (Missouri Formula).....                                             | G 14.00                                             | 3.50  | 5.00  | 50.00    |
| 34-6-26 <sup>23</sup> .....                                                            | F 15.50                                             | 3.76  | 3.38  | 58.88    |
| Chick Developing Mash (Missouri Formula).....                                          | G 16.00                                             | 3.50  | 5.50  | 50.00    |
| 34-6-23 <sup>23</sup> .....                                                            | F 20.50                                             | 3.92  | 4.65  | 50.24    |
| 34-10-182 <sup>23</sup> .....                                                          | F 23.19                                             | 4.65  | 3.94  | 44.21    |
| Dairy Feed.....                                                                        | G 18.00                                             | 4.00  | 8.50  | 50.00    |
| 34-6-24 <sup>23</sup> .....                                                            | F 19.75                                             | 4.39  | 8.92  | 52.72    |
| 34-10-180 <sup>23</sup> .....                                                          | F 18.75                                             | 5.54  | 8.30  | 51.23    |
| Egg-Laying Mash.....                                                                   | G 18.50                                             | 4.00  | 6.50  | 50.00    |
| 34-6-27 <sup>23</sup> .....                                                            | F 21.94                                             | 5.39  | 5.98  | 47.71    |
| 34-10-88 <sup>8,23</sup> .....                                                         | F 22.44                                             | 5.54  | 7.30  | 43.69    |
| Mill-Run Mixed Feed.....                                                               | G 16.00                                             | 4.30  | 6.50  | 47.50    |
| 34-6-25 <sup>23</sup> .....                                                            | F 17.06                                             | 5.20  | 7.61  | 55.86    |
| 34-10-181 <sup>23</sup> .....                                                          | F 15.67                                             | 4.64  | 8.09  | 55.44    |
| <b>Co-Operative Association No. 2, Washington, Mo.</b>                                 |                                                     |       |       |          |
| Hi-Grade Chick Mash with Manamar.....                                                  | G 18.60                                             | 4.00  | 5.50  | 50.00    |
| 34-5-197 <sup>4,5</sup> .....                                                          | F 18.94                                             | 5.04  | 5.01  | 52.20    |
| Hi-Grade Growing Mash with Manamar.....                                                | G 19.00                                             | 4.50  | 7.50  | 46.00    |
| 34-5-198 <sup>4,5</sup> .....                                                          | F 19.81                                             | 5.70  | 5.87  | 48.13    |
| <b>O. A. Cooper Co., Inc., Humboldt, Neb.</b>                                          |                                                     |       |       |          |
| Gray Wheat Shorts and Wheat Scourings not Exceed-<br>ing 2 %.....                      | G 16.00                                             | 3.50  | 6.00  | 55.00    |
| 34-7-58 <sup>7</sup> .....                                                             | F 16.63                                             | 4.76  | 5.83  | 58.26    |
| <b>Cope and Co., Salem, Mo.</b>                                                        |                                                     |       |       |          |
| University Laying Mash.....                                                            | G 19.00                                             | 3.50  | 6.50  | 44.50    |
| 34-5-12.....                                                                           | F 21.94                                             | 5.56  | 4.64  | 47.33    |
| <b>Corn Products Refining Co., New York City, N. Y.</b>                                |                                                     |       |       |          |
| Argo Corn Oil Meal.....                                                                | G 20.00                                             | 6.00  | 12.00 | 43.00    |
| 34-7-42.....                                                                           | F 25.19                                             | 6.77  | 10.06 | 47.13    |
| Diamond Corn Gluten Meal.....                                                          | G 43.00                                             | 1.00  | 4.00  | 38.00    |
| 34-1-271.....                                                                          | F 45.25                                             | 2.42  | 2.24  | 40.38    |
| 34-7-43.....                                                                           | F 45.56                                             | 2.85  | 3.55  | 36.96    |
| 34-10-205.....                                                                         | F 45.44                                             | 3.60  | 3.53  | 36.36    |
| <b>Corno Mills, East St. Louis, Ill.</b>                                               |                                                     |       |       |          |
| Corno All-Mash Ration.....                                                             | G 16.00                                             | 4.50  | 6.00  | 56.00    |
| 34-7-159 <sup>4,5</sup> .....                                                          | F 15.13                                             | 4.54  | 3.98  | 61.30    |
| 34-8-28 <sup>4,5</sup> .....                                                           | F 16.38                                             | 5.66  | 4.24  | 58.76    |
| 34-11-91 <sup>4,5</sup> .....                                                          | F 16.19                                             | 5.88  | 4.51  | 57.24    |
| Corno All-Mash Starting and Growing.....                                               | G 16.00                                             | 4.50  | 6.00  | 56.00    |
| 34-3-179 <sup>4,5</sup> .....                                                          | F 18.75                                             | 5.74  | 4.64  | 52.69    |
| 34-4-20 <sup>4,5,10</sup> .....                                                        | F 17.63                                             | 5.59  | 4.91  | 53.82    |
| Corno Calf Meal.....                                                                   | G 24.00                                             | 4.50  | 3.50  | 52.50    |
| 34-3-170 <sup>4,5</sup> .....                                                          | F 23.33                                             | 4.27  | 4.21  | 52.87    |
| 34-7-150 <sup>4,5</sup> .....                                                          | F 23.88                                             | 13.25 | 4.77  | 41.76    |
| Corno Chick Scratch.....                                                               | G 10.00                                             | 3.00  | 3.50  | 55.00    |
| 34-2-20 <sup>4,5</sup> .....                                                           | F 12.16                                             | 3.03  | 2.29  | 70.00    |
| 34-3-168 <sup>4,5</sup> .....                                                          | F 11.75                                             | 2.67  | 2.01  | 70.74    |
| 34-4-29 <sup>4,5</sup> .....                                                           | F 12.63                                             | 4.57  | 2.67  | 67.37    |
| 34-11-63.....                                                                          | F 13.38                                             | 3.84  | 2.02  | 69.09    |
| Corno Dairy Feed, 24 % Protein.....                                                    | G 24.00                                             | 4.00  | 10.00 | 40.00    |
| 34-1-87 <sup>4,5</sup> .....                                                           | F 22.25                                             | 3.68  | 9.26  | 45.74    |
| 34-3-161.....                                                                          | F 24.44                                             | 4.06  | 8.41  | 45.65    |
| 34-4-33 <sup>4,5</sup> .....                                                           | F 24.69                                             | 4.47  | 8.38  | 45.05    |
| 34-6-5.....                                                                            | F 26.81                                             | 4.75  | 8.72  | 42.33    |
| 34-7-146 <sup>4,5</sup> .....                                                          | F 24.88                                             | 4.53  | 8.65  | 45.56    |
| 34-7-234 <sup>4,5</sup> .....                                                          | F 24.63                                             | 5.88  | 6.20  | 48.06    |
| Corno Dairy Supplement, 34 %.....                                                      | G 34.00                                             | 3.50  | 7.25  | 41.00    |
| 34-4-32 <sup>4,5</sup> .....                                                           | F 35.06                                             | 4.37  | 7.21  | 39.63    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |      |       |         |
|----------------------------------------------------------------------------------------|--------------------------------|------|-------|---------|
|                                                                                        | % Guaranteed (G) and Found (F) |      |       |         |
|                                                                                        | Protein                        | Fat  | Fiber | N. F. E |
| Corno Growing Mash.....                                                                | G 16.00                        | 4.50 | 6.00  | 50.00   |
| 34-6-102.....                                                                          | F 17.44                        | 4.53 | 4.77  | 57.43   |
| 34-8-29 <sup>4,5</sup> .....                                                           | F 17.25                        | 5.11 | 5.57  | 57.26   |
| Corno Growing Scratch.....                                                             | G 10.00                        | 3.00 | 3.50  | 55.00   |
| 34-3-175.....                                                                          | F 11.13                        | 3.40 | 2.23  | 70.72   |
| 34-8-30 <sup>4,5</sup> .....                                                           | F 11.88                        | 3.62 | 2.45  | 70.97   |
| Corno Hen Scratch.....                                                                 | G 10.00                        | 3.00 | 3.50  | 55.00   |
| 34-3-171 <sup>4,5</sup> .....                                                          | F 11.06                        | 4.18 | 2.87  | 69.23   |
| 34-4-31.....                                                                           | F 11.19                        | 4.11 | 2.52  | 68.71   |
| 34-7-90 <sup>4,5</sup> .....                                                           | F 11.19                        | 3.49 | 2.35  | 71.58   |
| 34-11-64.....                                                                          | F 11.25                        | 4.31 | 2.07  | 70.99   |
| Corno Hog Feed.....                                                                    | G 20.00                        | 4.00 | 7.00  | 49.00   |
| 34-3-176 <sup>4,5</sup> .....                                                          | F 20.19                        | 4.92 | 4.08  | 56.77   |
| 34-4-27 <sup>4,5</sup> .....                                                           | F 23.50                        | 5.07 | 3.45  | 53.44   |
| 34-7-154 <sup>4,5</sup> .....                                                          | F 21.81                        | 4.23 | 4.20  | 54.93   |
| Corno Laying Mash.....                                                                 | G 20.00                        | 5.00 | 6.00  | 50.00   |
| 34-1-84 <sup>4,5</sup> .....                                                           | F 22.00                        | 5.22 | 4.51  | 51.13   |
| 34-2-18 <sup>4,5</sup> .....                                                           | F 19.81                        | 5.05 | 4.99  | 52.68   |
| 34-3-178 <sup>4,5</sup> .....                                                          | F 22.00                        | 5.49 | 4.63  | 48.52   |
| 34-4-28 <sup>4,5</sup> .....                                                           | F 22.31                        | 6.00 | 4.88  | 46.57   |
| 34-7-160 <sup>4,5</sup> .....                                                          | F 20.88                        | 5.00 | 5.25  | 52.69   |
| 34-7-233.....                                                                          | F 21.38                        | 7.35 | 5.42  | 50.68   |
| 34-8-17 <sup>4,5</sup> .....                                                           | F 20.82                        | 5.05 | 5.88  | 53.13   |
| Corno Pigeon Feed.....                                                                 | G 16.00                        | 2.50 | 5.00  | 55.00   |
| 34-3-169 <sup>4,5</sup> .....                                                          | F 16.44                        | 2.87 | 2.99  | 64.76   |
| 34-7-149 <sup>4,5</sup> .....                                                          | F 15.50                        | 2.77 | 3.16  | 65.76   |
| Corno Poultry Fattener.....                                                            | G 13.00                        | 4.50 | 4.50  | 60.00   |
| 34-3-172 <sup>4,5,8</sup> .....                                                        | F 12.06                        | 5.20 | 2.90  | 67.65   |
| 34-4-145 <sup>4,5</sup> .....                                                          | F 14.56                        | 5.97 | 3.05  | 62.89   |
| 34-6-104 <sup>4,5</sup> .....                                                          | F 16.88                        | 5.19 | 3.30  | 59.32   |
| 34-7-155 <sup>4,5</sup> .....                                                          | F 12.38                        | 4.50 | 3.39  | 63.75   |
| 34-11-87.....                                                                          | F 15.63                        | 6.94 | 3.99  | 59.45   |
| Corno Premium Feed.....                                                                | G 9.50                         | 3.25 | 7.50  | 58.00   |
| 34-4-17 <sup>4,5</sup> .....                                                           | F 10.44                        | 3.83 | 5.72  | 63.83   |
| Corno Starting Mash.....                                                               | G 17.00                        | 4.50 | 4.00  | 55.00   |
| 34-7-161 <sup>4,5</sup> .....                                                          | F 16.75                        | 5.14 | 3.88  | 58.70   |
| Corno Sweet Feed.....                                                                  | G 10.00                        | 2.50 | 15.00 | 55.00   |
| 34-8-25 <sup>4,5</sup> .....                                                           | F 11.56                        | 3.54 | 8.78  | 61.56   |
| Gristo 16 % Dairy Feed.....                                                            | G 16.00                        | 3.50 | 16.00 | 40.00   |
| 34-7-152 <sup>4,5</sup> .....                                                          | F 16.69                        | 4.17 | 12.60 | 47.34   |
| Gristo X Horse and Mule Feed.....                                                      | G 9.00                         | 2.00 | 15.00 | 55.00   |
| 34-7-156.....                                                                          | F 11.13                        | 5.37 | 2.95  | 67.31   |
| Nutro 16 % Dairy Feed.....                                                             | G 16.00                        | 3.50 | 16.00 | 40.00   |
| 34-4-18 <sup>4,5</sup> .....                                                           | F 16.19                        | 3.67 | 11.99 | 48.87   |
| 34-6-105 <sup>4,5</sup> .....                                                          | F 16.19                        | 3.56 | 13.38 | 49.33   |
| 34-11-61.....                                                                          | F 16.13                        | 4.12 | 12.31 | 48.84   |
| 34-11-94.....                                                                          | F 18.31                        | 4.93 | 14.77 | 43.60   |
| Nutro Egg Mash.....                                                                    | G 18.00                        | 3.50 | 8.00  | 55.00   |
| 34-1-83 <sup>4,5</sup> .....                                                           | F 18.56                        | 3.99 | 5.72  | 57.18   |
| 34-2-17 <sup>4,5</sup> .....                                                           | F 18.38                        | 5.20 | 6.18  | 54.71   |
| 34-3-177 <sup>4,5,8</sup> .....                                                        | F 18.19                        | 5.32 | 6.30  | 55.21   |
| 34-3-197 <sup>4,5,8</sup> .....                                                        | F 18.19                        | 4.71 | 6.19  | 55.15   |
| 34-4-34 <sup>4,5</sup> .....                                                           | F 18.56                        | 4.12 | 6.15  | 55.76   |
| 34-6-106 <sup>4,5</sup> .....                                                          | F 18.50                        | 4.65 | 4.56  | 56.00   |
| 34-7-162 <sup>4,5</sup> .....                                                          | F 18.00                        | 4.33 | 6.13  | 56.92   |
| 34-8-27 <sup>4,5</sup> .....                                                           | F 18.63                        | 5.10 | 5.22  | 57.18   |
| 34-10-42 <sup>4,5</sup> .....                                                          | F 18.63                        | 5.28 | 5.79  | 55.15   |
| 34-11-93.....                                                                          | F 19.25                        | 5.94 | 4.90  | 54.31   |
| 34-12-56.....                                                                          | F 19.19                        | 4.82 | 5.55  | 53.87   |
| Nutro Hen Scratch.....                                                                 | G 9.00                         | 2.75 | 5.00  | 55.00   |
| 34-1-78 <sup>4,5</sup> .....                                                           | F 10.81                        | 3.77 | 2.26  | 70.15   |
| 34-3-174 <sup>4,5</sup> .....                                                          | F 10.63                        | 4.85 | 2.53  | 68.80   |
| 34-4-30 <sup>4,5</sup> .....                                                           | F 10.31                        | 4.47 | 2.21  | 70.13   |
| 34-8-26 <sup>4,5</sup> .....                                                           | F 10.63                        | 4.48 | 2.30  | 72.49   |
| 34-11-92.....                                                                          | F 10.50                        | 3.95 | 2.22  | 70.93   |
| 34-12-53.....                                                                          | F 10.00                        | 3.16 | 2.38  | 69.93   |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |             |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                        | Protein           | Fat            | Fiber         | N. F. E.    |
| Nutro Mix 10 %.....                                                                    | G                 | 10.00          | 2.00          | 15.00 47.00 |
| 34-10-41.....                                                                          | F                 | 13.94          | 2.68          | 13.64 50.63 |
| Nutro Sweet Feed.....                                                                  | G                 | 9.00           | 2.00          | 15.00 55.00 |
| 34-1-120 <sup>4,5</sup> .....                                                          | F                 | 10.52          | 3.01          | 8.36 61.65  |
| 34-3-163 <sup>4,5</sup> .....                                                          | F                 | 11.00          | 2.95          | 8.02 61.45  |
| 34-4-36 <sup>4,5</sup> .....                                                           | F                 | 10.50          | 4.19          | 7.65 61.16  |
| Nutro X Horse and Mule Feed.....                                                       | G                 | 9.00           | 2.00          | 15.00 55.00 |
| 34-4-19 <sup>4,5</sup> .....                                                           | F                 | 11.19          | 3.95          | 7.41 61.95  |
| Red-3 Feeding Oatmeal.....                                                             | G                 | 14.50          | 5.00          | 3.70 60.00  |
| 34-1-90.....                                                                           | F                 | 18.06          | 5.48          | 3.03 61.85  |
| Special "C" Poultry Scratch.....                                                       | G                 | 9.00           | 2.75          | 5.00 55.00  |
| 34-1-79.....                                                                           | F                 | 9.75           | 3.09          | 2.13 71.44  |
| <b>Cowgill Flour Mills, Inc., Carthage, Mo.</b>                                        |                   |                |               |             |
| Cowgill's Best Hen Scratch.....                                                        | G                 | 10.00          | 2.50          | 6.00 68.00  |
| 34-2-101.....                                                                          | F                 | 10.19          | 3.80          | 2.37 67.14  |
| Cowgill's Wheat Bran.....                                                              | G                 | 15.00          | 3.50          | 11.50 47.00 |
| 34-2-102.....                                                                          | F                 | 16.50          | 4.15          | 8.83 48.54  |
| 34-9-20 <sup>23</sup> .....                                                            | F                 | 16.69          | 4.17          | 8.15 55.68  |
| Gray Wheat Shorts and Ground Wheat Screenings<br>not Exceeding 8 %.....                | G                 | 16.00          | 4.50          | 6.00 55.00  |
| 34-2-103 <sup>6,13,14</sup> .....                                                      | F                 | 15.67          | 4.54          | 2.66 55.64  |
| 34-9-18 <sup>23</sup> .....                                                            | F                 | 15.38          | 4.53          | 3.07 63.82  |
| Peacock Dairy Ration.....                                                              | G                 | 15.50          | 4.50          | 11.00 50.00 |
| 34-9-21.....                                                                           | F                 | 17.19          | 4.72          | 7.74 55.46  |
| Peacock Egg Mash.....                                                                  | G                 | 17.50          | 3.00          | 9.00 44.00  |
| 34-2-105.....                                                                          | F                 | 19.88          | 5.24          | 6.49 45.01  |
| 34-9-19.....                                                                           | F                 | 20.44          | 4.40          | 6.35 49.72  |
| Peacock Wheat Mixed Feed and Ground Wheat<br>Screenings, not Exceeding 8 %.....        | G                 | 16.00          | 3.50          | 8.50 52.00  |
| 34-1-20.....                                                                           | F                 | 17.56          | 4.24          | 7.82 54.51  |
| 34-8-174.....                                                                          | F                 | 17.44          | 5.20          | 7.96 56.30  |
| <b>Crane Farmers Exchange, Crane, Mo.</b>                                              |                   |                |               |             |
| Home Town Chick Mash.....                                                              | G                 | 15.00          | 4.00          | 6.00 48.00  |
| 34-6-58.....                                                                           | F                 | 21.06          | 4.98          | 5.33 49.66  |
| Home Town Egg Mash.....                                                                | G                 | 18.00          | 3.00          | 8.00 40.00  |
| 34-6-59.....                                                                           | F                 | 22.81          | 4.25          | 6.91 51.91  |
| Our Own Growing Mash.....                                                              | G                 | 16.00          | 4.50          | 6.00 50.00  |
| 34-6-57.....                                                                           | F                 | 16.75          | 5.43          | 4.14 56.22  |
| <b>Crete Mills, Crete, Neb.</b>                                                        |                   |                |               |             |
| Triumph Poultry All-Mash Laying and Growing.....                                       | G                 | 15.00          | 3.00          | 7.00 56.00  |
| 34-5-162.....                                                                          | F                 | 13.63          | 5.05          | 4.34 60.02  |
| <b>Crocker Packing Co., Joplin, Mo.</b>                                                |                   |                |               |             |
| Meat and Bone Scraps.....                                                              | G                 | 43.00          | 7.00          | 3.00 3.00   |
| 34-2-277 <sup>7,9</sup> .....                                                          | F                 | 42.56          | 14.81         | 1.73 3.55   |
| 34-8-171 <sup>7</sup> .....                                                            | F                 | 43.94          | 15.88         | 2.44 5.59   |
| Tankage.....                                                                           | G                 | 50.00          | 7.00          | 4.00 0.25   |
| 34-2-276 <sup>9</sup> .....                                                            | F                 | 45.38          | 13.18         | 1.75 4.55   |
| 34-8-170 <sup>8,10</sup> .....                                                         | F                 | 47.06          | 15.39         | 2.50 5.39   |
| <b>Cuba Roller Mills, Cuba, Mo.</b>                                                    |                   |                |               |             |
| Challenge 18 % Laying Mash.....                                                        | G                 | 18.00          | 4.50          | 6.00 50.00  |
| 34-12-132.....                                                                         | F                 | 18.50          | 6.29          | 4.60 50.80  |
| Wheat Mixed Feed and Ground Wheat Screenings,<br>not Exceeding Mill-run.....           | G                 | 14.50          | 3.50          | 8.50 55.50  |
| 34-12-133.....                                                                         | F                 | 15.94          | 2.88          | 6.03 59.91  |
| <b>Cudahy Packing Co., Chicago, Ill.</b>                                               |                   |                |               |             |
| Cudahy's Blue Ribbon Digester Tankage.....                                             | G                 | 60.00          | 6.00          | 3.00 0.20   |
| 34-1-6.....                                                                            | F                 | 62.44          | 10.10         | 1.21 2.62   |
| 34-2-161.....                                                                          | F                 | 60.50          | 9.56          | 1.42 3.42   |
| 34-2-198.....                                                                          | F                 | 63.63          | 10.45         | 1.50 1.37   |
| 34-3-70.....                                                                           | F                 | 63.44          | 11.46         | 1.46 0.93   |
| 34-4-124 <sup>9</sup> .....                                                            | F                 | 60.00          | 11.51         | 1.34 1.17   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| Cudahy's Special Steamed Bone Meal.....                                                | G                 | 5.14           | 2.00          | 2.00    | 0.20               |
| 34-2-197 <sup>9</sup> .....                                                            | F                 | 11.25          | 5.37          | 1.97    | 1.01               |
| <b>Culp Elevator Mills, Warrensburg, Mo.</b>                                           |                   |                |               |         |                    |
| Culp's Missouri Formula Laying Mash.....                                               | G                 | 20.00          | 3.50          | 6.50    | 44.00              |
| 34-11-3.....                                                                           | F                 | 22.69          | 6.56          | 5.04    | 43.27              |
| <b>Dallas County Farmers Exchange, Buffalo, Mo.</b>                                    |                   |                |               |         |                    |
| Dallas County Farmers Exchange Chick-Starting Mash.....                                | G                 | 16.00          | 4.00          | 3.00    | 58.00              |
| 34-5-203.....                                                                          | F                 | 18.38          | 5.73          | 3.00    | 53.18              |
| Dallas County Farmers Exchange Laying Mash. . . .                                      | G                 | 15.00          | 3.70          | 6.30    | 51.50              |
| 34-5-204 <sup>7</sup> .....                                                            | F                 | 21.56          | 5.73          | 6.23    | 44.69              |
| <b>Darling and Company, Chicago, Ill.</b>                                              |                   |                |               |         |                    |
| Darling's Peanut Meal.....                                                             | G                 | 41.00          | 6.00          | 8.00    | 35.00              |
| 34-4-137 <sup>1,2</sup> .....                                                          | F                 | 40.31          | 7.25          | 6.02    | 33.13              |
| <b>Darnell Feed Mill, Granby, Mo.</b>                                                  |                   |                |               |         |                    |
| Darnell's Laying Mash.....                                                             | G                 | 16.50          | 3.50          | 8.00    | 47.00              |
| 34-6-45 <sup>2</sup> .....                                                             | F                 | 18.06          | 4.35          | 9.67    | 50.70              |
| Darnell's Mixed Feed.....                                                              | G                 | 13.50          | 3.75          | 9.00    | 45.00              |
| 34-6-44 <sup>2</sup> .....                                                             | F                 | 15.50          | 4.10          | 6.89    | 58.05              |
| <b>Davis Cleaver Produce Co., Quincy, Ill.</b>                                         |                   |                |               |         |                    |
| Ferndale Brand Dried Buttermilk.....                                                   | G                 | 32.00          | 5.00          | 0.00    | 35.00              |
| 34-2-166.....                                                                          | F                 | 33.00          | 7.32          | 0.00    | 44.19              |
| 34-11-123 <sup>7</sup> .....                                                           | F                 | 34.75          | 5.18          | 0.00    | 38.55              |
| <b>S. P. Davis, Little Rock, Ark.</b>                                                  |                   |                |               |         |                    |
| Steerboy Brand Prime Cottonseed Meal, 43 % Protein                                     | G                 | 43.00          | 6.00          | 10.00   | 27.00              |
| 34-1-180 <sup>4</sup> .....                                                            | F                 | 43.56          | 7.90          | 7.13    | 26.66              |
| 34-2-37 <sup>4</sup> .....                                                             | F                 | 42.94          | 7.60          | 8.97    | 27.21              |
| <b>Davis Feed Store, Mokane, Mo.</b>                                                   |                   |                |               |         |                    |
| Nu-Way Growing Mash.....                                                               | G                 | 16.00          | 4.50          | 6.00    | 50.00              |
| 34-10-63 <sup>20</sup> .....                                                           | F                 | 15.48          | 2.85          | 3.52    | 60.26              |
| Nu-Way Laying Mash.....                                                                | G                 | 18.00          | 4.50          | 6.00    | 50.00              |
| 34-10-64 <sup>20</sup> .....                                                           | F                 | 18.00          | 3.58          | 3.76    | 57.52              |
| <b>O. B. Davidson Seed Co., Joplin, Mo.</b>                                            |                   |                |               |         |                    |
| 43 % Protein Cottonseed Meal, Prime Quality.....                                       | G                 | 43.00          | 6.00          | 12.00   | 23.00              |
| 34-8-134 <sup>1</sup> .....                                                            | F                 | 41.88          | 9.00          | 11.57   | 26.46              |
| <b>De Forest Milling Co., Irondale, Mo.</b>                                            |                   |                |               |         |                    |
| Mixed Feed.....                                                                        | G                 | 15.00          | 3.45          | 8.42    | 57.32              |
| 34-2-53 <sup>4,5,21</sup> .....                                                        | F                 | 15.50          | 4.43          | 8.71    | 55.04              |
| 34-7-229 <sup>4,5</sup> .....                                                          | F                 | 15.81          | 6.91          | 7.25    | 56.31              |
| Our Dairy Feed.....                                                                    | G                 | 15.32          | 4.30          | 6.96    | 58.15              |
| 34-2-54 <sup>4,5</sup> .....                                                           | F                 | 14.33          | 5.12          | 7.70    | 56.31              |
| 34-7-231 <sup>4,5</sup> .....                                                          | F                 | 15.81          | 6.68          | 9.24    | 55.64              |
| Our Laying Mash.....                                                                   | G                 | 20.00          | 4.40          | 6.00    | 53.60              |
| 34-2-55 <sup>4,5</sup> .....                                                           | F                 | 21.00          | 6.02          | 4.46    | 48.12              |
| 34-7-232 <sup>4,5</sup> .....                                                          | F                 | 20.81          | 8.72          | 4.29    | 49.17              |
| Wheat Bran, Corn Bran and Wheat Screenings, not Exceeding Mill-run.....                | G                 | 14.50          | 3.50          | 11.00   | 47.00              |
| 34-5-65 <sup>4,5</sup> .....                                                           | F                 | 14.94          | 6.11          | 10.17   | 50.82              |
| 34-7-230 <sup>4,5</sup> .....                                                          | F                 | 15.25          | 6.25          | 10.83   | 53.92              |
| <b>Delphos Milling Co., Inc., Delphos, Kan.</b>                                        |                   |                |               |         |                    |
| Winter Wheat Bran and Wheat Screenings, not to Exceed 8 % Screenings.....              | G                 | 14.50          | 3.50          | 11.00   | 47.00              |
| 34-3-148 <sup>7</sup> .....                                                            | F                 | 17.25          | 4.20          | 8.58    | 50.47              |
| 34-8-69 <sup>7</sup> .....                                                             | F                 | 16.50          | 5.02          | 9.92    | 53.17              |
| <b>The Denver Alfalfa Milling and Products Co., Lamar, Colo.</b>                       |                   |                |               |         |                    |
| Alfalfa Meal.....                                                                      | G                 | 13.00          | 1.00          | 33.00   | 35.00              |
| 34-1-28.....                                                                           | F                 | 15.56          | 2.20          | 26.73   | 36.05              |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| Alfalfa Leaf Meal, Leafalfa Brand. . . . .                                             | G                 | 20.00          | 2.50          | 18.00   | 40.00              |
| 34-4-213. . . . .                                                                      | F                 | 26.13          | 2.64          | 15.40   | 34.50              |
| 34-6-123. . . . .                                                                      | F                 | 22.56          | 2.68          | 14.66   | 40.55              |
| 34-9-69. . . . .                                                                       | F                 | 20.69          | 2.89          | 14.01   | 35.88              |
| 34-12-25. . . . .                                                                      | F                 | 21.94          | 2.38          | 13.22   | 37.71              |
| Alfalfa Meal (Triple XXX Brand). . . . .                                               | G                 | 13.00          | 1.00          | 33.00   | 35.00              |
| 34-10-40. . . . .                                                                      | F                 | 13.25          | 1.97          | 24.56   | 42.12              |
| Alfalfa Stem Meal. . . . .                                                             | G                 | 9.00           | 0.80          | 40.00   | 30.00              |
| 34-1-202. . . . .                                                                      | F                 | 11.94          | 1.15          | 35.58   | 34.79              |
| 34-3-101. . . . .                                                                      | F                 | 10.88          | 2.13          | 35.07   | 35.88              |
| 34-6-108. . . . .                                                                      | F                 | 10.63          | 1.10          | 37.95   | 35.53              |
| <b>W. A. Depping, Moscow Mills, Mo.</b>                                                |                   |                |               |         |                    |
| Missouri Formula Egg Mash. . . . .                                                     | G                 | 18.00          | 5.00          | 5.00    | 47.00              |
| 34-8-75 <sup>10</sup> . . . . .                                                        | F                 | 21.63          | 6.29          | 4.81    | 46.91              |
| <b>Dillard's Mill, Greenfield, Mo.</b>                                                 |                   |                |               |         |                    |
| Wheat Mixed Feed. . . . .                                                              | G                 | 16.00          | 3.50          | 8.50    | 52.00              |
| 34-5-135 <sup>2</sup> . . . . .                                                        | F                 | 15.50          | 3.64          | 5.50    | 60.24              |
| <b>P. D. Dillard and Son, St. Mary's, Mo.</b>                                          |                   |                |               |         |                    |
| Dillard's Complete Starting and Growing Mash. . . . .                                  | G                 | 16.00          | 4.40          | 6.00    | 53.00              |
| 34-11-198. . . . .                                                                     | F                 | 18.56          | 5.94          | 4.34    | 53.17              |
| Dillard's Laying Mash. . . . .                                                         | G                 | 18.00          | 4.50          | 6.00    | 45.00              |
| 34-11-199. . . . .                                                                     | F                 | 19.06          | 5.31          | 5.47    | 48.64              |
| <b>Dixie Mills Co., East St. Louis, Ill.</b>                                           |                   |                |               |         |                    |
| Anchor Molasses Horse and Mule Feed. . . . .                                           | G                 | 10.00          | 2.50          | 10.00   | 53.00              |
| 34-4-194. . . . .                                                                      | F                 | 10.00          | 3.45          | 4.75    | 66.66              |
| Diamond 16 % Dairy Feed . . . . .                                                      | G                 | 16.00          | 3.50          | 14.00   | 46.00              |
| 34-10-109. . . . .                                                                     | F                 | 19.44          | 3.48          | 10.80   | 49.67              |
| 34-12-143. . . . .                                                                     | F                 | 17.56          | 2.95          | 8.74    | 53.20              |
| Dixie All-Mash Starting and Growing. . . . .                                           | G                 | 16.50          | 4.00          | 4.00    | 51.00              |
| 34-3-189. . . . .                                                                      | F                 | 20.00          | 6.76          | 4.39    | 51.29              |
| 34-9-213. . . . .                                                                      | F                 | 19.75          | 6.50          | 5.11    | 50.86              |
| Dixie Chick Mash. . . . .                                                              | G                 | 16.50          | 4.00          | 4.00    | 51.00              |
| 34-3-190. . . . .                                                                      | F                 | 19.69          | 6.03          | 4.35    | 52.94              |
| Dixie Egg Mash. . . . .                                                                | G                 | 18.00          | 3.50          | 7.00    | 45.00              |
| 34-11-171. . . . .                                                                     | F                 | 23.50          | 6.64          | 6.61    | 42.30              |
| Dixie Growing Mash. . . . .                                                            | G                 | 18.00          | 4.00          | 4.00    | 51.00              |
| 34-9-212. . . . .                                                                      | F                 | 19.88          | 5.89          | 4.92    | 48.70              |
| Dixie Hen Feed. . . . .                                                                | G                 | 10.00          | 3.00          | 5.00    | 60.00              |
| 34-4-21. . . . .                                                                       | F                 | 10.63          | 2.87          | 0.67    | 72.64              |
| 34-11-177. . . . .                                                                     | F                 | 11.13          | 4.17          | 2.26    | 68.79              |
| Dixie Laying Mash. . . . .                                                             | G                 | 20.00          | 4.00          | 6.00    | 44.00              |
| 34-3-191. . . . .                                                                      | F                 | 24.19          | 6.54          | 5.40    | 43.45              |
| 34-6-8. . . . .                                                                        | F                 | 25.38          | 6.22          | 6.26    | 42.19              |
| 34-11-169. . . . .                                                                     | F                 | 22.75          | 7.08          | 6.93    | 43.33              |
| 34-12-144. . . . .                                                                     | F                 | 24.56          | 7.00          | 6.17    | 41.01              |
| Dixie Mash Supplement. . . . .                                                         | G                 | 32.00          | 4.00          | 6.00    | 35.00              |
| 34-2-118 <sup>1</sup> . . . . .                                                        | F                 | 32.44          | 6.89          | 5.49    | 31.11              |
| Dixie Meat and Bone Scraps. . . . .                                                    | G                 | 50.00          | 6.00          | 3.00    | 5.00               |
| 34-11-180 <sup>9</sup> . . . . .                                                       | F                 | 48.63          | 14.29         | 1.40    | 2.19               |
| Dixie Special Corn Chops (Screened and Graded). . . . .                                | G                 | 9.00           | 4.00          | 3.00    | 60.00              |
| 34-9-211. . . . .                                                                      | F                 | 9.35           | 5.10          | 1.77    | 71.10              |
| 34-11-172. . . . .                                                                     | F                 | 10.13          | 4.66          | 2.01    | 69.90              |
| Dixie Superfine Alfalfa Meal. . . . .                                                  | G                 | 12.00          | 1.50          | 33.00   | 35.00              |
| 34-1-41 <sup>9</sup> . . . . .                                                         | F                 | 13.63          | 2.12          | 31.86   | 32.96              |
| 34-11-173. . . . .                                                                     | F                 | 12.69          | 1.94          | 29.42   | 37.08              |
| Holsum 12 % Dairy Feed. . . . .                                                        | G                 | 12.00          | 3.00          | 14.00   | 46.00              |
| 34-9-83. . . . .                                                                       | F                 | 16.56          | 4.29          | 13.48   | 47.97              |
| 34-9-199. . . . .                                                                      | F                 | 14.50          | 2.84          | 11.42   | 50.38              |
| 34-10-110. . . . .                                                                     | F                 | 16.31          | 3.83          | 11.30   | 50.50              |
| 34-11-170. . . . .                                                                     | F                 | 14.44          | 3.27          | 10.91   | 51.02              |
| Holsum Chick Feed. . . . .                                                             | G                 | 10.00          | 3.00          | 5.00    | 58.00              |
| 34-6-97. . . . .                                                                       | F                 | 10.44          | 3.68          | 1.62    | 72.19              |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses           |                      |                |       |
|----------------------------------------------------------------------------------------|-----------------------------|----------------------|----------------|-------|
|                                                                                        | % Guaranteed (G)<br>Protein | and Found (F)<br>Fat | Fiber N. F. E. |       |
| Holsum Egg Mash.....                                                                   | G 18.00                     | 4.00                 | 7.00           | 44.00 |
| 34-3-182 <sup>8</sup> .....                                                            | F 18.19                     | 5.23                 | 6.64           | 51.11 |
| S-F Scratch Feed.....                                                                  | G 10.00                     | 3.00                 | 5.00           | 60.00 |
| 34-3-193.....                                                                          | F 10.31                     | 3.29                 | 2.42           | 69.68 |
| 34-9-84.....                                                                           | F 10.88                     | 4.82                 | 2.52           | 70.79 |
| 34-11-178.....                                                                         | F 10.94                     | 4.37                 | 2.23           | 67.97 |
| <b>The Dodge City Flour Mills, Dodge City, Kans.</b>                                   |                             |                      |                |       |
| Wheat Bran and Wheat Screenings.....                                                   | G 14.50                     | 3.50                 | 11.00          | 50.00 |
| 34-1-255 <sup>7,13</sup> .....                                                         | F 16.81                     | 4.54                 | 9.34           | 51.96 |
| <b>Drexel Elevator and Mercantile Co., Drexel, Mo.</b>                                 |                             |                      |                |       |
| Drexel Egg Mash.....                                                                   | G 19.00                     | 3.00                 | 8.00           | 40.00 |
| 34-11-113.....                                                                         | F 21.50                     | 6.36                 | 7.84           | 43.01 |
| Drexel Special Egg Mash.....                                                           | G 19.00                     | 3.50                 | 8.00           | 44.00 |
| 34-11-114.....                                                                         | F 20.56                     | 5.63                 | 7.58           | 46.76 |
| <b>G. H. Dulle Milling Co., Jefferson City, Mo.</b>                                    |                             |                      |                |       |
| Gray Wheat Shorts and Mill-Run Wheat Screenings..                                      | G 15.49                     | 3.52                 | 5.55           | 59.60 |
| 34-1-137 <sup>4,5</sup> .....                                                          | F 17.56                     | 4.60                 | 6.17           | 58.27 |
| 34-5-25 <sup>4,5</sup> .....                                                           | F 16.63                     | 4.95                 | 5.82           | 56.79 |
| 34-11-38 <sup>4,5,14,23</sup> .....                                                    | F 17.00                     | 4.73                 | 6.08           | 56.42 |
| Pure Wheat Bran.....                                                                   | G 15.00                     | 3.80                 | 14.00          | 55.00 |
| 34-5-24 <sup>22</sup> .....                                                            | F 15.69                     | 4.10                 | 11.04          | 50.26 |
| 34-11-37.....                                                                          | F 15.25                     | 3.93                 | 9.54           | 53.64 |
| <b>Durham Produce Co., Durham, Mo.</b>                                                 |                             |                      |                |       |
| Missouri Formula All-Mash Chick Starter.....                                           | G 14.50                     | 3.00                 | 5.00           | 50.00 |
| 34-8-61.....                                                                           | F 15.56                     | 5.64                 | 3.95           | 58.49 |
| <b>J. M. Dye and Sons, Vandalla, Mo.</b>                                               |                             |                      |                |       |
| Dye's Nu-Deal Egg Mash.....                                                            | G 18.00                     | 3.50                 | 8.50           | 47.00 |
| 34-11-132.....                                                                         | F 20.88                     | 6.60                 | 7.14           | 49.67 |
| <b>Eagle Mill and Elevator Co., Higginsville, Mo.</b>                                  |                             |                      |                |       |
| Eagle's Scratch Feed.....                                                              | G 11.50                     | 3.50                 | 6.00           | 62.00 |
| 34-11-19 <sup>5</sup> .....                                                            | F 11.38                     | 4.06                 | 2.46           | 71.25 |
| Lay-Mor Egg Mash.....                                                                  | G 16.00                     | 3.50                 | 8.00           | 60.00 |
| 34-11-18 <sup>5,14</sup> .....                                                         | F 19.88                     | 6.09                 | 2.46           | 54.13 |
| <b>East Prairie Milling Co., East Prairie, Mo.</b>                                     |                             |                      |                |       |
| Missouri Graded or Screened Corn Chops.....                                            | G 7.00                      | 3.00                 | 2.00           | 70.00 |
| 34-3-93.....                                                                           | F 8.25                      | 5.03                 | 1.78           | 68.37 |
| Missouri Hen Feed.....                                                                 | G 9.00                      | 3.00                 | 4.00           | 68.00 |
| 34-3-94.....                                                                           | F 10.00                     | 4.77                 | 3.24           | 67.94 |
| Missouri Laying Mash.....                                                              | G 14.00                     | 3.00                 | 5.00           | 55.00 |
| 34-3-200.....                                                                          | F 17.06                     | 7.02                 | 6.39           | 52.37 |
| Missouri Mill-Run Dairy Feed.....                                                      | G 12.00                     | 3.00                 | 7.00           | 50.00 |
| 34-3-92 <sup>8</sup> .....                                                             | F 13.94                     | 5.82                 | 9.09           | 55.08 |
| Missouri Wheat Bran with Wheat Screenings and<br>Corn Bran.....                        | G 13.50                     | 3.00                 | 10.00          | 52.00 |
| 34-3-91.....                                                                           | F 13.56                     | 5.23                 | 9.01           | 55.14 |
| Missouri Wheat Gray Shorts with Wheat Screenings<br>and Corn Bran.....                 | G 14.00                     | 3.00                 | 6.00           | 56.00 |
| 34-3-90.....                                                                           | F 14.50                     | 4.96                 | 6.36           | 59.42 |
| <b>Economy Feed Mills, Harrisonville, Mo.</b>                                          |                             |                      |                |       |
| County Agent's Growing Mash.....                                                       | G 17.00                     | 4.30                 | 5.20           | 52.20 |
| 34-10-31 <sup>7,8</sup> .....                                                          | F 21.50                     | 5.64                 | 4.77           | 47.86 |
| County Agent's Little Chick All-Mash.....                                              | G 14.00                     | 4.00                 | 5.00           | 55.00 |
| 34-10-28 <sup>7,14</sup> .....                                                         | F 16.13                     | 4.42                 | 2.96           | 60.09 |
| Economy Gold Standard Laying Mash.....                                                 | G 16.00                     | 4.00                 | 4.50           | 51.50 |
| 34-10-29 <sup>14</sup> .....                                                           | F 18.00                     | 4.45                 | 7.08           | 50.63 |
| Economy Gold Standard University Plus Egg Pro-<br>ducer.....                           | G 17.00                     | 5.00                 | 6.10           | 51.00 |
| 34-10-27 <sup>28</sup> .....                                                           | F 19.56                     | 4.68                 | 4.80           | 51.14 |
| Just Right All-Mash Chick Starter.....                                                 | G 15.00                     | 3.00                 | 5.00           | 57.00 |
| 34-10-30 <sup>4,5,14,15,32</sup> .....                                                 | F 17.00                     | 3.82                 | 4.73           | 57.22 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |      |       |       |    |
|----------------------------------------------------------------------------------------|--------------------------------|------|-------|-------|----|
|                                                                                        | % Guaranteed (G) and Found (F) |      |       |       |    |
|                                                                                        | Protein                        | Fat  | Fiber | N. F. | E. |
| <b>Edgerton Milling Co., Edgerton, Mo.</b>                                             |                                |      |       |       |    |
| Wheat Bran.....                                                                        | G 14.50                        | 3.25 | 10.00 | 52.98 |    |
| 34-9-34 <sup>4,5,23</sup> .....                                                        | F 16.75                        | 4.16 | 9.66  | 51.72 |    |
| Wheat Gray Shorts.....                                                                 | G 16.00                        | 4.00 | 6.00  | 55.00 |    |
| 34-9-33 <sup>7,23</sup> .....                                                          | F 17.44                        | 4.47 | 6.61  | 56.96 |    |
| <b>Eddleman Milling Co., Lamar, Mo.</b>                                                |                                |      |       |       |    |
| Lamar's Best Dairy Feed.....                                                           | G 16.00                        | 5.00 | 11.00 | 50.00 |    |
| 34-5-117.....                                                                          | F 14.71                        | 6.14 | 6.32  | 57.54 |    |
| 34-7-193 <sup>2</sup> .....                                                            | F 13.88                        | 6.25 | 8.36  | 58.03 |    |
| <b>Eggers Milling Co., Chamols, Mo.</b>                                                |                                |      |       |       |    |
| Pure Wheat Bran.....                                                                   | G 14.50                        | 3.50 | 11.00 | 47.00 |    |
| 34-1-134 <sup>9</sup> .....                                                            | F 16.06                        | 3.85 | 10.10 | 52.03 |    |
| 34-10-167 <sup>9</sup> .....                                                           | F 15.94                        | 4.62 | 9.94  | 49.41 |    |
| Pure Wheat White Shorts.....                                                           | G 13.50                        | 3.00 | 3.50  | 55.00 |    |
| 34-1-136 <sup>7</sup> .....                                                            | F 14.81                        | 2.77 | 3.05  | 67.66 |    |
| 34-10-165 <sup>7</sup> .....                                                           | F 15.06                        | 2.92 | 0.91  | 68.06 |    |
| Wheat Gray Shorts and Ground Wheat Screenings,<br>not Exceeding Mill-run.....          | G 16.00                        | 3.50 | 6.00  | 55.00 |    |
| 34-1-135.....                                                                          | F 16.69                        | 4.86 | 7.33  | 57.06 |    |
| 34-10-168.....                                                                         | F 17.19                        | 5.47 | 6.65  | 52.74 |    |
| Wheat Mixed Feed and Ground Wheat Screenings, not<br>Exceeding Mill-run.....           | G 16.00                        | 3.50 | 8.50  | 52.00 |    |
| 34-10-166 <sup>7</sup> .....                                                           | F 15.90                        | 4.65 | 7.61  | 54.64 |    |
| <b>Elsenmayer Milling Co., Springfield, Mo.</b>                                        |                                |      |       |       |    |
| Soft Wheat Bran, Wheat Shorts, Ground Wheat<br>Screenings, not Exceeding Mill-run..... | G 15.00                        | 3.50 | 10.50 | 54.00 |    |
| 34-4-252.....                                                                          | F 15.06                        | 4.12 | 8.72  | 58.74 |    |
| Winter Gray Shorts, Ground Wheat Screenings.....                                       | G 16.00                        | 4.00 | 6.00  | 57.00 |    |
| 34-4-251 <sup>9</sup> .....                                                            | F 16.81                        | 4.45 | 4.65  | 62.19 |    |
| <b>Eldon Farmers Exchange, Eldon, Mo.</b>                                              |                                |      |       |       |    |
| Economy Dairy Feed.....                                                                | G 16.00                        | 3.00 | 8.00  | 47.00 |    |
| 34-3-264.....                                                                          | F 17.06                        | 4.92 | 5.64  | 55.63 |    |
| Economy Laying Mash.....                                                               | G 17.00                        | 2.80 | 10.00 | 53.00 |    |
| 34-3-265.....                                                                          | F 21.25                        | 6.16 | 4.44  | 47.49 |    |
| <b>Eldon Feed Store, Eldon, Mo.</b>                                                    |                                |      |       |       |    |
| 3-2-1 Dairy Feed.....                                                                  | G 12.50                        | 3.80 | 9.00  | 58.00 |    |
| 34-12-136.....                                                                         | F 19.13                        | 4.36 | 6.94  | 53.70 |    |
| University Laying Mash.....                                                            | G 18.00                        | 3.50 | 7.00  | 45.00 |    |
| 34-12-135 <sup>14,15,20</sup> .....                                                    | F 25.94                        | 5.83 | 4.35  | 43.49 |    |
| <b>Elrod Milling Co., Fair Play, Mo.</b>                                               |                                |      |       |       |    |
| Elrod's 50-50 Mixed Feed.....                                                          | G 12.00                        | 4.00 | 6.50  | 60.00 |    |
| 34-10-11 <sup>23</sup> .....                                                           | F 16.31                        | 4.07 | 6.72  | 55.88 |    |
| Elrod's Red Ball Egg Mash.....                                                         | G 14.00                        | 3.50 | 9.00  | 51.00 |    |
| 34-10-12 <sup>4,5,14,23</sup> .....                                                    | F 17.50                        | 4.55 | 7.72  | 53.69 |    |
| Elrod's Special Egg Mash.....                                                          | G 14.00                        | 3.50 | 9.00  | 51.00 |    |
| 34-1-280 <sup>1,2</sup> .....                                                          | F 16.69                        | 5.74 | 7.41  | 52.91 |    |
| Elrod's Special Chick Scratch.....                                                     | G 10.00                        | 4.00 | 2.00  | 69.00 |    |
| 34-5-76 <sup>4,5,10</sup> .....                                                        | F 10.69                        | 4.33 | 1.18  | 69.84 |    |
| Elrod's Special Dairy Feed.....                                                        | G 12.50                        | 4.40 | 5.50  | 63.00 |    |
| 34-1-279 <sup>4,5</sup> .....                                                          | F 15.50                        | 5.55 | 6.99  | 55.77 |    |
| Elrod's Special Egg Mash.....                                                          | G 19.00                        | 5.00 | 5.60  | 48.00 |    |
| 34-5-77 <sup>4,5</sup> .....                                                           | F 19.00                        | 5.67 | 6.05  | 50.68 |    |
| 34-10-13 <sup>4,5,14</sup> .....                                                       | F 19.38                        | 5.77 | 5.60  | 51.40 |    |
| Elrod's Special Starter and Developer.....                                             | G 17.70                        | 7.00 | 5.00  | 53.00 |    |
| 34-5-75 <sup>4,5</sup> .....                                                           | F 17.70                        | 5.90 | 5.42  | 53.96 |    |
| Screened Corn Chop.....                                                                | G 9.00                         | 3.50 | 3.50  | 65.50 |    |
| 34-1-266 <sup>21</sup> .....                                                           | F 9.19                         | 4.50 | 1.88  | 69.09 |    |
| <b>Elwood Mills, Elwood, Mo.</b>                                                       |                                |      |       |       |    |
| Steel-Cut Chops.....                                                                   | G 9.00                         | 3.50 | 3.00  | 65.00 |    |
| 34-2-257 <sup>1,7</sup> .....                                                          | F 9.56                         | 4.27 | 1.39  | 69.53 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |       |       |          |
|----------------------------------------------------------------------------------------|--------------------------------|-------|-------|----------|
|                                                                                        | % Guaranteed (G) and Found (F) |       |       |          |
|                                                                                        | Protein                        | Fat   | Fiber | N. F. E. |
| <b>Enright Milling Co., St. Joseph, Mo.</b>                                            |                                |       |       |          |
| Enright E. Laying Mash.....                                                            | G 19.00                        | 3.50  | 6.00  | 48.00    |
| 34-5-27.....                                                                           | F 21.81                        | 5.67  | 5.84  | 47.81    |
| Scratch Feed.....                                                                      | G 9.50                         | 2.00  | 4.00  | 62.00    |
| 34-5-26 <sup>10</sup> .....                                                            | F 15.13                        | 4.10  | 2.22  | 64.80    |
| <b>John Estes and Son, Clarksville, Mo.</b>                                            |                                |       |       |          |
| Laying Mash.....                                                                       | G 20.00                        | 5.00  | 7.00  | 45.00    |
| 34-2-175 <sup>7</sup> .....                                                            | F 22.81                        | 6.13  | 6.69  | 43.12    |
| 34-8-194 <sup>7</sup> .....                                                            | F 23.94                        | 5.73  | 7.00  | 45.34    |
| Screened Corn Chops.....                                                               | G 9.00                         | 3.50  | 3.50  | 65.00    |
| 34-5-105 <sup>8,10</sup> .....                                                         | F 9.31                         | 4.33  | 1.76  | 70.16    |
| 34-8-193 <sup>7</sup> .....                                                            | F 9.56                         | 3.90  | 2.06  | 72.91    |
| <b>Eugene Farmers Exchange, Eugene, Mo.</b>                                            |                                |       |       |          |
| Pride of Eugene All-Mash Chick Starter.....                                            | G 15.00                        | 4.50  | 6.50  | 52.00    |
| 34-4-202 <sup>25</sup> .....                                                           | F 16.88                        | 5.97  | 3.82  | 56.33    |
| 34-7-217 <sup>12,25</sup> .....                                                        | F 17.19                        | 7.74  | 4.21  | 57.55    |
| Pride of Eugene Growing Mash.....                                                      | G 18.00                        | 3.50  | 5.50  | 47.00    |
| 34-7-219 <sup>12</sup> .....                                                           | F 19.00                        | 7.68  | 3.77  | 52.78    |
| Pride of Eugene Laying Mash.....                                                       | G 19.00                        | 4.00  | 6.00  | 45.00    |
| 34-1-130 <sup>8,9,12,25</sup> .....                                                    | F 23.19                        | 4.62  | 5.37  | 47.53    |
| 34-7-218 <sup>8,12,25</sup> .....                                                      | F 22.69                        | 7.36  | 4.55  | 48.26    |
| Pride of Eugene Scratch Feeds.....                                                     | G 10.00                        | 2.50  | 3.00  | 63.00    |
| 34-7-216 <sup>2,10</sup> .....                                                         | F 10.69                        | 4.75  | 1.39  | 71.33    |
| <b>Eureka Mills Co., St. Louis, Mo.</b>                                                |                                |       |       |          |
| Big "E" Hen Feed.....                                                                  | G 10.00                        | 2.40  | 5.00  | 65.00    |
| 34-5-212 <sup>8</sup> .....                                                            | F 10.44                        | 4.19  | 2.31  | 68.08    |
| 34-12-35.....                                                                          | F 10.44                        | 4.24  | 2.00  | 70.37    |
| 34-12-124.....                                                                         | F 9.50                         | 3.62  | 2.08  | 70.98    |
| Big "E" Poultry Mash.....                                                              | G 16.00                        | 3.45  | 7.79  | 55.00    |
| 34-12-116.....                                                                         | F 18.88                        | 4.90  | 5.87  | 53.16    |
| Eureka Chick Feed.....                                                                 | G 10.00                        | 2.50  | 5.00  | 65.00    |
| 34-12-33.....                                                                          | F 10.75                        | 4.21  | 2.58  | 69.92    |
| 34-12-121.....                                                                         | F 11.25                        | 3.76  | 2.58  | 68.21    |
| Eureka Chick Startena (Buttermilk).....                                                | G 16.80                        | 4.50  | 6.30  | 51.00    |
| 34-12-120.....                                                                         | F 18.44                        | 4.88  | 4.97  | 53.04    |
| Eureka Dry Mash.....                                                                   | G 19.00                        | 4.00  | 8.00  | 45.00    |
| 34-5-214.....                                                                          | F 20.44                        | 4.88  | 7.41  | 46.07    |
| 34-12-117.....                                                                         | F 19.13                        | 5.26  | 6.38  | 49.60    |
| Eureka Growing Mash.....                                                               | G 16.00                        | 4.00  | 6.00  | 50.00    |
| 34-12-119.....                                                                         | F 19.00                        | 10.33 | 3.48  | 53.32    |
| Eureka Hen Feed.....                                                                   | G 10.00                        | 3.00  | 5.00  | 65.00    |
| 34-12-123.....                                                                         | F 10.75                        | 3.49  | 2.61  | 67.23    |
| Eureka Intermediate Hen Feed.....                                                      | G 10.00                        | 3.00  | 5.00  | 65.00    |
| 34-12-126.....                                                                         | F 10.63                        | 3.24  | 2.27  | 70.58    |
| Eureka Pigeon Feed.....                                                                | G 12.00                        | 2.00  | 5.00  | 65.00    |
| 34-12-122.....                                                                         | F 12.88                        | 2.51  | 3.22  | 66.34    |
| Eureka Poultry Fattener.....                                                           | G 14.00                        | 6.00  | 3.00  | 65.00    |
| 34-5-216.....                                                                          | F 16.69                        | 5.98  | 4.67  | 58.02    |
| 34-12-115.....                                                                         | F 15.94                        | 6.00  | 4.42  | 60.07    |
| Eureka Special Dairy Feed.....                                                         | G 20.00                        | 4.50  | 15.00 | 40.00    |
| 34-12-118.....                                                                         | F 20.00                        | 4.88  | 9.50  | 47.79    |
| Heneta Hen Feed.....                                                                   | G 10.00                        | 2.50  | 5.00  | 62.00    |
| 34-5-211 <sup>8,10</sup> .....                                                         | F 10.00                        | 3.78  | 2.48  | 68.53    |
| 34-12-125.....                                                                         | F 10.06                        | 3.92  | 2.50  | 68.10    |
| <b>E. B. Evans Field and Seed Co., Springfield, Mo.</b>                                |                                |       |       |          |
| Ideal Dairy Feed.....                                                                  | G 10.00                        | 2.80  | 14.00 | 50.00    |
| 34-4-244 <sup>7,8</sup> .....                                                          | F 13.13                        | 3.21  | 11.22 | 60.52    |
| More Egg Chick Mash.....                                                               | G 15.00                        | 3.90  | 5.20  | 45.00    |
| 34-4-243 <sup>1</sup> .....                                                            | F 16.81                        | 5.04  | 4.77  | 58.65    |
| More Egg Mash.....                                                                     | G 19.50                        | 4.20  | 7.20  | 45.00    |
| 34-4-242.....                                                                          | F 20.19                        | 4.40  | 7.06  | 52.56    |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |          |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|----------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |          |
|                                                                                        |                   | Protein        | Fat           | Fiber | N. F. E. |
| More Egg Scratch Feed.....                                                             | G                 | 12.00          | 4.00          | 6.00  | 56.00    |
| 34-4-239.....                                                                          | F                 | 10.44          | 4.01          | 2.59  | 72.30    |
| Red Bird Dairy Feed.....                                                               | G                 | 16.00          | 3.40          | 14.00 | 48.00    |
| 34-4-241 <sup>8</sup> .....                                                            | F                 | 13.97          | 4.90          | 10.61 | 57.39    |
| Tip Top Mixed Feed.....                                                                | G                 | 11.50          | 3.40          | 8.50  | 48.00    |
| 34-4-240.....                                                                          | F                 | 13.06          | 4.31          | 7.23  | 62.53    |
| Yellow Corn Chops.....                                                                 | G                 | 8.00           | 3.50          | 3.00  | 68.00    |
| 34-1-281 <sup>7</sup> .....                                                            | F                 | 8.31           | 3.72          | 1.65  | 71.26    |
| <b>Excello Feed Milling Co., St. Joseph, Mo.</b>                                       |                   |                |               |       |          |
| Excello Laying Mash with Buttermilk and Cod Liver<br>Oil.....                          | G                 | 19.00          | 4.00          | 8.00  | 42.00    |
| 34-3-122 <sup>1</sup> .....                                                            | F                 | 18.00          | 5.41          | 8.55  | 50.24    |
| Reliable LaMor Egg Mash.....                                                           | G                 | 16.00          | 4.00          | 6.00  | 54.00    |
| 34-3-121 <sup>1</sup> .....                                                            | F                 | 16.13          | 4.90          | 6.22  | 54.99    |
| <b>Excello Sales Co., Inc., Joplin, Mo.</b>                                            |                   |                |               |       |          |
| Keystone 16 % Dairy Ration.....                                                        | G                 | 16.00          | 4.50          | 10.00 | 51.00    |
| 34-8-110 <sup>9</sup> .....                                                            | F                 | 16.81          | 6.01          | 10.84 | 46.13    |
| Keystone 24 % Dairy Ration.....                                                        | G                 | 24.00          | 4.50          | 10.00 | 43.00    |
| 34-1-13.....                                                                           | F                 | 30.19          | 4.63          | 8.91  | 39.06    |
| 34-8-117.....                                                                          | F                 | 28.69          | 5.66          | 9.57  | 38.72    |
| Keystone Broiler Mash.....                                                             | G                 | 16.00          | 4.00          | 5.50  | 59.00    |
| 34-8-108 <sup>8,9</sup> .....                                                          | F                 | 16.94          | 6.04          | 5.97  | 53.15    |
| Keystone Calf Meal.....                                                                | G                 | 18.00          | 4.00          | 5.50  | 51.00    |
| 34-8-106.....                                                                          | F                 | 20.38          | 4.07          | 4.90  | 53.82    |
| Keystone Chick Scratch.....                                                            | G                 | 10.00          | 4.00          | 4.00  | 69.00    |
| 34-8-107.....                                                                          | F                 | 11.25          | 4.02          | 1.85  | 70.83    |
| Keystone Chick Starter.....                                                            | G                 | 17.00          | 5.00          | 5.50  | 51.00    |
| 34-8-104 <sup>9</sup> .....                                                            | F                 | 19.75          | 5.90          | 4.94  | 51.09    |
| Keystone Developing Grain Feed.....                                                    | G                 | 9.50           | 3.00          | 4.00  | 63.00    |
| 34-8-116 <sup>9</sup> .....                                                            | F                 | 10.63          | 3.72          | 2.06  | 71.26    |
| Keystone Egg Mash.....                                                                 | G                 | 18.00          | 4.00          | 8.00  | 45.00    |
| 34-8-112.....                                                                          | F                 | 21.63          | 5.28          | 6.22  | 47.49    |
| Keystone Growing Mash.....                                                             | G                 | 16.00          | 4.50          | 8.00  | 48.00    |
| 34-1-7.....                                                                            | F                 | 19.00          | 6.03          | 6.15  | 50.31    |
| 34-8-109.....                                                                          | F                 | 21.13          | 4.85          | 6.45  | 49.82    |
| Keystone Mixed Feed.....                                                               | G                 | 12.00          | 3.50          | 15.00 | 56.00    |
| 34-8-111.....                                                                          | F                 | 12.75          | 3.80          | 11.00 | 53.79    |
| Keystone Pig Meal.....                                                                 | G                 | 20.00          | 4.00          | 10.00 | 43.00    |
| 34-8-114 <sup>9</sup> .....                                                            | F                 | 21.31          | 5.17          | 5.80  | 49.14    |
| Keystone Poultry Fattening Mash.....                                                   | G                 | 13.00          | 4.40          | 5.50  | 59.00    |
| 34-8-105.....                                                                          | F                 | 17.75          | 5.79          | 4.61  | 56.97    |
| Keystone Scratch Grain Feed.....                                                       | G                 | 9.50           | 3.50          | 3.00  | 63.00    |
| 34-1-8 <sup>9</sup> .....                                                              | F                 | 11.00          | 4.06          | 2.04  | 69.30    |
| 34-8-115 <sup>9</sup> .....                                                            | F                 | 10.19          | 4.50          | 1.76  | 70.23    |
| Keystone Special Hog Balancer.....                                                     | G                 | 40.00          | 11.00         | 8.00  | 49.00    |
| 34-8-113.....                                                                          | F                 | 37.56          | 4.09          | 5.91  | 25.88    |
| Old Glory 16 % Dairy Ration.....                                                       | G                 | 16.00          | 4.00          | 12.00 | 45.00    |
| 34-8-102.....                                                                          | F                 | 14.88          | 4.14          | 12.30 | 50.75    |
| Old Glory All-Mash Chick Ration.....                                                   | G                 | 15.00          | 3.50          | 5.50  | 52.00    |
| 34-8-101.....                                                                          | F                 | 18.06          | 5.24          | 6.26  | 53.88    |
| Old Glory Egg Mash.....                                                                | G                 | 18.00          | 4.20          | 8.00  | 49.00    |
| 34-8-100.....                                                                          | F                 | 20.19          | 4.65          | 7.05  | 49.63    |
| Screened Cracked Corn.....                                                             | G                 | 9.00           | 3.00          | 3.00  | 67.00    |
| 34-8-103 <sup>18,23</sup> .....                                                        | F                 | 9.25           | 4.13          | 1.48  | 72.78    |
| <b>Famo Feed Milling Co., St. Joseph, Mo.</b>                                          |                   |                |               |       |          |
| Cherokee Chick Grains.....                                                             | G                 | 10.00          | 2.50          | 4.00  | 56.00    |
| 34-5-35.....                                                                           | F                 | 10.50          | 4.22          | 1.59  | 69.80    |
| Cherokee Hen Scratch.....                                                              | G                 | 10.00          | 2.50          | 4.00  | 56.00    |
| 34-5-39 <sup>1</sup> .....                                                             | F                 | 10.44          | 4.42          | 2.62  | 69.75    |
| Corn Feed Meal.....                                                                    | G                 | 9.00           | 3.50          | 4.00  | 51.50    |
| 34-4-112 <sup>1</sup> .....                                                            | F                 | 9.19           | 4.21          | 1.84  | 69.71    |
| Famo All-Mash Chick Ration.....                                                        | G                 | 16.00          | 4.00          | 7.00  | 48.00    |
| 34-3-250.....                                                                          | F                 | 17.75          | 4.98          | 5.79  | 50.88    |
| 34-4-109 <sup>8</sup> .....                                                            | F                 | 17.94          | 5.13          | 5.72  | 49.98    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |         |      |          |                 |
|----------------------------------------------------------------------------------------|-------------------|---------|------|----------|-----------------|
|                                                                                        | % Guaranteed (G)  | Protein | Fat  | Fiber N. | Found (F) F. E. |
| Famo Cattle Fattener.....                                                              | G                 | 15.50   | 3.00 | 10.50    | 50.00           |
| 34-5-38 <sup>8,9</sup> .....                                                           | F                 | 16.13   | 2.81 | 6.45     | 54.42           |
| Famo Chick Grains.....                                                                 | G                 | 10.00   | 2.50 | 4.00     | 56.00           |
| 34-5-34.....                                                                           | F                 | 12.38   | 4.57 | 2.09     | 67.69           |
| Famo Chick-Starting Mash.....                                                          | G                 | 17.00   | 4.00 | 5.00     | 48.00           |
| 34-1-222 <sup>8</sup> .....                                                            | F                 | 18.81   | 6.09 | 4.60     | 50.65           |
| 34-3-249 <sup>8</sup> .....                                                            | F                 | 18.56   | 5.34 | 4.52     | 50.52           |
| 34-4-111.....                                                                          | F                 | 21.69   | 5.52 | 4.32     | 47.34           |
| Famo Egg Mash with Cod Liver Oil and Buttermilk..                                      | G                 | 18.00   | 4.00 | 7.50     | 46.50           |
| 34-3-244.....                                                                          | F                 | 19.81   | 5.52 | 6.17     | 48.27           |
| 34-4-110.....                                                                          | F                 | 19.63   | 5.40 | 6.55     | 48.42           |
| Famo Full-Pail Dairy Feed.....                                                         | G                 | 16.00   | 3.50 | 12.00    | 45.00           |
| 34-5-36 <sup>8,9</sup> .....                                                           | F                 | 17.88   | 8.25 | 9.32     | 44.49           |
| Famo Hen Scratch Grains.....                                                           | G                 | 10.50   | 2.50 | 4.00     | 56.00           |
| 34-5-40.....                                                                           | F                 | 11.31   | 4.85 | 2.48     | 68.07           |
| Famo Hog Feed Special.....                                                             | G                 | 32.00   | 4.50 | 7.50     | 40.00           |
| 34-4-113 <sup>8</sup> .....                                                            | F                 | 31.19   | 5.20 | 6.99     | 36.29           |
| 34-12-93.....                                                                          | F                 | 31.75   | 6.55 | 4.89     | 34.89           |
| Famo No-Corn Chick Grains.....                                                         | G                 | 10.00   | 2.50 | 4.00     | 60.00           |
| 34-5-33 <sup>9</sup> .....                                                             | F                 | 11.63   | 3.97 | 1.80     | 68.03           |
| Famo Over Flow Dairy Feed.....                                                         | G                 | 24.00   | 4.00 | 10.00    | 40.00           |
| 34-5-37 <sup>9</sup> .....                                                             | F                 | 25.75   | 4.47 | 8.29     | 44.60           |
| Famo Pig Meal.....                                                                     | G                 | 28.00   | 5.50 | 7.50     | 41.50           |
| 34-4-114 <sup>8</sup> .....                                                            | F                 | 31.13   | 4.78 | 5.78     | 40.17           |
| Famo Triple "E" Laying Mash.....                                                       | G                 | 18.00   | 3.50 | 7.75     | 53.25           |
| 34-4-115.....                                                                          | F                 | 18.69   | 4.74 | 7.97     | 48.88           |
| <b>Farmers Co-op. Assn. No. 28, Beaufort, Mo.</b>                                      |                   |         |      |          |                 |
| Farmers Best Chick Mash.....                                                           | G                 | 17.00   | 4.50 | 5.50     | 45.00           |
| 34-5-185.....                                                                          | F                 | 17.94   | 5.69 | 4.44     | 54.64           |
| Farmers Best Growing Mash.....                                                         | G                 | 16.00   | 4.50 | 6.00     | 50.00           |
| 34-5-67.....                                                                           | F                 | 16.44   | 5.64 | 4.23     | 56.32           |
| <b>Farmers Co-op. Association No. 82, Brunswick, Mo.</b>                               |                   |         |      |          |                 |
| Brunswick Laying Mash.....                                                             | G                 | 18.00   | 5.01 | 7.00     | 51.04           |
| 34-2-157 <sup>7,26</sup> .....                                                         | F                 | 17.00   | 4.95 | 6.24     | 53.37           |
| 34-9-183.....                                                                          | F                 | 17.90   | 5.40 | 6.16     | 54.84           |
| <b>Farmers Co-Op. Assn. No. 17, St. Clair, Mo.</b>                                     |                   |         |      |          |                 |
| Economy Starting Mash.....                                                             | G                 | 17.00   | 4.50 | 5.50     | 45.00           |
| 34-5-66.....                                                                           | F                 | 18.75   | 4.95 | 5.20     | 52.59           |
| <b>Farmers Co-operative Association, Sullivan, Mo.</b>                                 |                   |         |      |          |                 |
| Our Own Growing Mash.....                                                              | G                 | 16.00   | 4.50 | 6.00     | 50.00           |
| 34-9-150.....                                                                          | F                 | 19.06   | 5.19 | 4.62     | 53.67           |
| Our Own 18 % Laying Mash.....                                                          | G                 | 18.00   | 4.50 | 6.00     | 50.00           |
| 34-9-151.....                                                                          | F                 | 18.94   | 5.23 | 4.77     | 52.48           |
| <b>Farmers Co-operative Association, Union, Mo.</b>                                    |                   |         |      |          |                 |
| Screened Corn Chops, "Medium".....                                                     | G                 | 9.00    | 3.50 | 3.50     | 65.00           |
| 34-11-36.....                                                                          | F                 | 9.75    | 4.42 | 2.03     | 72.16           |
| <b>Farmers Co-Operative Co., Dixon, Mo.</b>                                            |                   |         |      |          |                 |
| Soft Wheat Bran and Wheat Screenings, not to Ex-<br>ceed 5 % Screenings.....           | G                 | 14.00   | 3.00 | 11.00    | 47.00           |
| 34-4-198 <sup>7</sup> .....                                                            | F                 | 17.25   | 3.97 | 7.66     | 53.96           |
| Soft Wheat Gray Shorts and Wheat Screenings, not<br>to Exceed 8 %.....                 | G                 | 15.00   | 3.00 | 6.00     | 55.00           |
| 34-4-199.....                                                                          | F                 | 15.44   | 3.23 | 2.75     | 64.72           |
| <b>Farmers Co-Operative Co., Windsor, Mo.</b>                                          |                   |         |      |          |                 |
| Corn Chop.....                                                                         | G                 | 9.00    | 3.50 | 3.50     | 65.00           |
| 34-9-128 <sup>10</sup> .....                                                           | F                 | 9.50    | 4.26 | 1.74     | 72.61           |
| Just Right Dairy Feed.....                                                             | G                 | 14.00   | 3.97 | 9.31     | 57.00           |
| 34-9-127 <sup>9</sup> .....                                                            | F                 | 14.38   | 3.79 | 8.04     | 56.61           |
| Just Right Laying Mash.....                                                            | G                 | 19.00   | 5.40 | 7.00     | 55.00           |
| 34-9-126 <sup>9</sup> .....                                                            | F                 | 18.94   | 5.52 | 4.69     | 53.23           |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| <b>Farmers Co-operative Elevator Association, Harrisonville, Mo.</b>                   |                   |                |               |         |                    |
| Missouri Egg Mash.....                                                                 | G                 | 18.80          | 3.50          | 7.50    | 42.00              |
| 34-10-34 <sup>12</sup> .....                                                           | F                 | 21.44          | 5.07          | 4.89    | 47.41              |
| <b>Farmers Co-operative Elevator Association, O'Fallon, Mo.</b>                        |                   |                |               |         |                    |
| Corn Bran.....                                                                         | G                 | 9.50           | 4.00          | 12.00   | 58.00              |
| 34-2-186.....                                                                          | F                 | 9.69           | 5.25          | 6.47    | 66.37              |
| <b>Farmers Co-operative Elevator and Shipping Association, Kirksville, Mo.</b>         |                   |                |               |         |                    |
| Golden Rule All-Mash Chick Starter.....                                                | G                 | 15.00          | 4.50          | 6.50    | 55.00              |
| 34-9-36 <sup>8,12</sup> .....                                                          | F                 | 17.06          | 5.77          | 4.30    | 57.26              |
| Golden Rule Growing Mash.....                                                          | G                 | 15.00          | 5.50          | 8.00    | 35.00              |
| 34-12-86 <sup>8,14,23</sup> .....                                                      | F                 | 17.56          | 6.63          | 4.98    | 52.29              |
| Golden Rule Hen Scratch.....                                                           | G                 | 9.50           | 3.00          | 5.00    | 60.00              |
| 34-12-90.....                                                                          | F                 | 10.94          | 5.45          | 3.10    | 69.43              |
| Golden Rule Laying Mash.....                                                           | G                 | 20.00          | 4.50          | 7.50    | 40.00              |
| 34-12-88 <sup>12</sup> .....                                                           | F                 | 19.19          | 7.21          | 6.21    | 49.20              |
| Pride of Adair Dairy.....                                                              | G                 | 16.00          | 4.00          | 9.00    | 48.00              |
| 34-12-89 <sup>23</sup> .....                                                           | F                 | 20.38          | 5.59          | 6.66    | 50.27              |
| Pride of Adair Laying Mash.....                                                        | G                 | 18.00          | 4.00          | 9.00    | 45.00              |
| 34-12-87 <sup>31</sup> .....                                                           | F                 | 19.38          | 7.67          | 5.13    | 48.79              |
| Screened Corn Chop.....                                                                | G                 | 9.00           | 3.50          | 3.00    | 69.00              |
| 34-12-91.....                                                                          | F                 | 8.82           | 5.24          | 1.98    | 73.03              |
| <b>Farmers Co-operative Exchange No. 68, Milan, Mo.</b>                                |                   |                |               |         |                    |
| Dairy Ration.....                                                                      | G                 | 15.00          | 3.50          | 11.00   | 50.00              |
| 34-12-99 <sup>12</sup> .....                                                           | F                 | 17.56          | 4.87          | 9.68    | 49.64              |
| <b>Farmers Co-operative Purchasing and Sales Co., McFall, Mo.</b>                      |                   |                |               |         |                    |
| Good Scratch Feed.....                                                                 | G                 | 10.00          | 2.50          | 3.50    | 60.00              |
| 34-10-217.....                                                                         | F                 | 11.00          | 3.65          | 2.26    | 69.52              |
| Patton's Pork Producer.....                                                            | G                 | 24.00          | 4.00          | 7.00    | 42.00              |
| 34-10-216 <sup>7,9</sup> .....                                                         | F                 | 23.04          | 5.17          | 5.06    | 43.88              |
| <b>Farmers Co-operative Shipping Association, Green City, Mo.</b>                      |                   |                |               |         |                    |
| Farmers Special Laying Mash.....                                                       | G                 | 18.00          | 3.75          | 8.50    | 42.00              |
| 34-12-83 <sup>7</sup> .....                                                            | F                 | 21.00          | 6.93          | 6.31    | 45.40              |
| Golden Rule Dairy Feed.....                                                            | G                 | 16.00          | 3.50          | 11.00   | 40.00              |
| 34-12-84.....                                                                          | F                 | 16.50          | 5.61          | 8.25    | 52.19              |
| Golden Rule Laying Mash.....                                                           | G                 | 20.00          | 4.50          | 7.50    | 40.00              |
| 34-12-85 <sup>8</sup> .....                                                            | F                 | 21.81          | 7.94          | 6.37    | 43.66              |
| <b>Farmers Elevator, Hume, Mo.</b>                                                     |                   |                |               |         |                    |
| Banner Laying Mash.....                                                                | G                 | 17.50          | 3.90          | 9.50    | 46.00              |
| 34-11-106 <sup>34</sup> .....                                                          | F                 | 20.13          | 4.78          | 8.47    | 47.23              |
| <b>Farmers Elevator Association, Berger, Mo.</b>                                       |                   |                |               |         |                    |
| New Way Laying Mash.....                                                               | G                 | 18.00          | 4.50          | 6.00    | 50.00              |
| 34-10-169 <sup>14,20</sup> .....                                                       | F                 | 17.29          | 4.23          | 4.01    | 56.82              |
| <b>Farmers Elevator Co., Dalton, Mo.</b>                                               |                   |                |               |         |                    |
| Dalton Laying Mash with Minerals.....                                                  | G                 | 19.00          | 3.50          | 6.00    | 42.00              |
| 34-2-156.....                                                                          | F                 | 24.88          | 6.32          | 2.93    | 45.23              |
| <b>Farmers Elevator Co., Forest City, Mo.</b>                                          |                   |                |               |         |                    |
| Prime Chick Grower.....                                                                | G                 | 16.00          | 3.50          | 6.00    | 49.00              |
| 34-5-145 <sup>7,8</sup> .....                                                          | F                 | 20.19          | 5.51          | 4.34    | 49.81              |
| Prime Chick Starter.....                                                               | G                 | 14.00          | 3.25          | 5.00    | 54.00              |
| 34-5-144 <sup>7,8</sup> .....                                                          | F                 | 16.06          | 5.22          | 3.68    | 57.99              |
| Prime Laying Mash.....                                                                 | G                 | 18.00          | 3.50          | 6.50    | 45.00              |
| 34-5-143 <sup>7</sup> .....                                                            | F                 | 16.31          | 5.58          | 5.02    | 56.30              |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N, F, E. |
| <b>Farmers Elevator Co., Gerald, Mo.</b>                                               |                   |                |               |         |                    |
| Our Own Chick Mash.....                                                                | G                 | 17.00          | 4.50          | 5.50    | 45.00              |
| 34-5-55 <sup>14</sup> .....                                                            | F                 | 17.63          | 5.28          | 3.94    | 54.91              |
| Our Own Laying Mash.....                                                               | G                 | 18.00          | 4.50          | 6.00    | 50.00              |
| 34-5-56 <sup>14</sup> .....                                                            | F                 | 18.06          | 5.80          | 4.09    | 54.00              |
| <b>Farmers Elevator Co., Rockville, Mo.</b>                                            |                   |                |               |         |                    |
| Home 18 % Laying Mash.....                                                             | G                 | 18.00          | 4.50          | 6.00    | 50.00              |
| 34-11-99.....                                                                          | F                 | 16.00          | 5.05          | 4.79    | 57.43              |
| <b>Farmers Elevator and Exchange Co., Monroe City, Mo.</b>                             |                   |                |               |         |                    |
| Universal Chick Mash.....                                                              | G                 | 16.00          | 4.30          | 6.50    | 54.10              |
| 34-4-209 <sup>4,5</sup> .....                                                          | F                 | 17.13          | 5.25          | 2.76    | 58.07              |
| Universal Dairy Feed.....                                                              | G                 | 15.50          | 4.30          | 8.00    | 60.20              |
| 34-4-210 <sup>4,5</sup> .....                                                          | F                 | 15.75          | 8.66          | 4.45    | 54.94              |
| Universal Laying Mash.....                                                             | G                 | 19.00          | 4.50          | 6.50    | 54.20              |
| 34-4-208 <sup>4,5</sup> .....                                                          | F                 | 21.56          | 6.03          | 4.89    | 47.83              |
| <b>Farmers Elevator Co., Salisbury, Mo.</b>                                            |                   |                |               |         |                    |
| Milk Maid Dairy.....                                                                   | G                 | 16.20          | 3.75          | 7.97    | 59.35              |
| 34-2-153 <sup>8</sup> .....                                                            | F                 | 18.19          | 5.84          | 5.14    | 54.65              |
| 34-9-188 <sup>8</sup> .....                                                            | F                 | 13.88          | 6.41          | 5.60    | 57.28              |
| Satisfaction Laying Mash.....                                                          | G                 | 18.82          | 3.11          | 7.53    | 56.01              |
| 34-2-154 <sup>8</sup> .....                                                            | F                 | 18.69          | 5.73          | 4.85    | 49.16              |
| 34-9-190.....                                                                          | F                 | 22.38          | 6.08          | 5.43    | 45.60              |
| Twin Feed Growing Mash.....                                                            | G                 | 19.69          | 4.82          | 3.17    | 51.24              |
| 34-9-189 <sup>8,12</sup> .....                                                         | F                 | 19.25          | 5.54          | 4.76    | 52.24              |
| <b>Farmers Elevator Co., Shelbyville, Mo.</b>                                          |                   |                |               |         |                    |
| Our Own Make Laying Mash.....                                                          | G                 | 18.80          | 4.40          | 5.00    | 56.00              |
| 34-1-191 <sup>4,5,9</sup> .....                                                        | F                 | 18.13          | 5.14          | 4.75    | 54.45              |
| <b>Farmers Elevator and Exchange Co., Hannibal, Palmyra and Frankford, Mo.</b>         |                   |                |               |         |                    |
| Missouri Formula Chick Starter.....                                                    | G                 | 13.50          | 3.50          | 3.75    | 58.00              |
| 34-8-177 <sup>8,9,23</sup> .....                                                       | F                 | 16.56          | 5.94          | 3.55    | 57.71              |
| 34-9-88 <sup>8,9,23</sup> .....                                                        | F                 | 17.31          | 5.64          | 3.35    | 57.18              |
| Missouri Formula Growing Mash.....                                                     | G                 | 16.00          | 3.50          | 5.00    | 44.00              |
| 34-3-143.....                                                                          | F                 | 18.88          | 5.36          | 4.66    | 49.17              |
| 34-8-179 <sup>8,23</sup> .....                                                         | F                 | 20.06          | 6.17          | 4.96    | 47.77              |
| Square Brand Feeds, Red Square Egg Mash.....                                           | G                 | 16.00          | 3.00          | 10.50   | 42.50              |
| 34-1-192.....                                                                          | F                 | 18.56          | 4.80          | 7.42    | 48.84              |
| 34-3-145 <sup>6,9</sup> .....                                                          | F                 | 17.63          | 5.06          | 7.45    | 50.26              |
| 34-8-178.....                                                                          | F                 | 18.25          | 5.71          | 8.33    | 49.24              |
| 34-9-87.....                                                                           | F                 | 19.06          | 4.95          | 7.28    | 50.67              |
| <b>Farmers Elevator and Supply Co., Clinton, Mo.</b>                                   |                   |                |               |         |                    |
| Farmers Dairy Feed.....                                                                | G                 | 16.00          | 3.00          | 11.00   | 47.00              |
| 34-11-100.....                                                                         | F                 | 17.38          | 4.92          | 7.59    | 54.86              |
| Farmers Laying Mash.....                                                               | G                 | 14.75          | 4.00          | 5.25    | 55.78              |
| 34-11-101 <sup>14</sup> .....                                                          | F                 | 18.56          | 5.11          | 5.05    | 53.57              |
| <b>Farmers Equity Exchange, Bowling Green, Mo.</b>                                     |                   |                |               |         |                    |
| Missouri Chick Starter with Buttermilk.....                                            | G                 | 14.00          | 3.00          | 5.50    | 50.00              |
| 34-3-36 <sup>8</sup> .....                                                             | F                 | 18.00          | 5.89          | 4.98    | 53.93              |
| Missouri Growing Mash.....                                                             | G                 | 17.00          | 3.00          | 6.50    | 43.00              |
| 34-8-185.....                                                                          | F                 | 21.50          | 7.10          | 5.78    | 47.23              |
| Mountain Grove Egg Mash.....                                                           | G                 | 18.00          | 3.50          | 7.50    | 49.00              |
| 34-3-35.....                                                                           | F                 | 18.88          | 5.56          | 6.20    | 51.53              |
| 34-8-186.....                                                                          | F                 | 20.06          | 6.96          | 7.42    | 49.94              |
| <b>Farmers Exchange, Clifton Hill, Mo.</b>                                             |                   |                |               |         |                    |
| La-Mor Laying Mash.....                                                                | G                 | 20.00          | 3.60          | 7.50    | 41.00              |
| 34-12-68.....                                                                          | F                 | 23.44          | 4.97          | 8.98    | 43.18              |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |       |    |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|-------|----|
|                                                                                        | Protein                                             | Fat  | Fiber | N. F. | E. |
| <b>Farmers Exchange, Halfway, Mo.</b>                                                  |                                                     |      |       |       |    |
| Real Chick Mash.....                                                                   | G 10.50                                             | 3.50 | 5.25  | 56.00 |    |
| 34-9-244 <sup>7</sup> .....                                                            | F 12.81                                             | 4.65 | 3.73  | 60.71 |    |
| Real Laying Mash.....                                                                  | G 16.00                                             | 3.50 | 10.00 | 44.00 |    |
| 34-1-282 <sup>7,11,16</sup> .....                                                      | F 19.88                                             | 5.21 | 7.71  | 46.17 |    |
| 34-9-243 <sup>7,16</sup> .....                                                         | F 20.06                                             | 4.64 | 7.40  | 47.88 |    |
| <b>Farmers Exchange, Humansville, Mo.</b>                                              |                                                     |      |       |       |    |
| M. F. A. All-Mash Chick Ration.....                                                    | G 14.00                                             | 3.50 | 5.00  | 55.50 |    |
| 34-5-84 <sup>9,12</sup> .....                                                          | F 16.06                                             | 3.98 | 2.97  | 59.29 |    |
| M. F. A. Economy Dairy Feed.....                                                       | G 16.00                                             | 4.00 | 11.00 | 63.00 |    |
| 34-5-82 <sup>12</sup> .....                                                            | F 14.00                                             | 4.27 | 8.73  | 57.58 |    |
| 34-10-5 <sup>12</sup> .....                                                            | F 15.77                                             | 4.69 | 5.90  | 58.62 |    |
| M. F. A. Economy Egg Mash.....                                                         | G 20.00                                             | 5.00 | 6.50  | 49.00 |    |
| 34-5-83 <sup>8,12</sup> .....                                                          | F 22.00                                             | 6.48 | 4.92  | 45.61 |    |
| 34-10-6 <sup>8,12</sup> .....                                                          | F 20.50                                             | 5.09 | 5.00  | 49.14 |    |
| <b>Farmers Exchange, Macon, Mo.</b>                                                    |                                                     |      |       |       |    |
| Economy All Mash.....                                                                  | G 15.00                                             | 5.00 | 4.00  | 50.00 |    |
| 34-3-237 <sup>13</sup> .....                                                           | F 16.00                                             | 4.59 | 4.23  | 58.90 |    |
| Economy Laying Mash.....                                                               | G 17.00                                             | 5.00 | 8.00  | 50.00 |    |
| 34-3-238 <sup>13</sup> .....                                                           | F 17.44                                             | 5.05 | 6.89  | 51.61 |    |
| Victory Egg Mash.....                                                                  | G 18.00                                             | 5.00 | 8.00  | 50.00 |    |
| 34-3-236 <sup>13</sup> .....                                                           | F 19.19                                             | 5.05 | 6.54  | 48.99 |    |
| <b>Farmers Exchange, Maryville, Mo.</b>                                                |                                                     |      |       |       |    |
| Farmex All Mash.....                                                                   | G 15.00                                             | 4.00 | 5.00  | 50.00 |    |
| 34-5-159 <sup>7</sup> .....                                                            | F 15.06                                             | 5.54 | 3.20  | 59.41 |    |
| Farmex Egg Mash.....                                                                   | G 20.00                                             | 4.00 | 7.00  | 44.00 |    |
| 34-1-230 <sup>9</sup> .....                                                            | F 18.44                                             | 4.26 | 4.55  | 49.81 |    |
| 34-5-161 <sup>7</sup> .....                                                            | F 19.00                                             | 5.33 | 5.37  | 48.45 |    |
| Farmex Growing Mash.....                                                               | G 17.00                                             | 4.00 | 5.00  | 46.00 |    |
| 34-5-160 <sup>7</sup> .....                                                            | F 16.35                                             | 5.36 | 4.49  | 56.17 |    |
| <b>Farmers Exchange Co., Mound City, Mo.</b>                                           |                                                     |      |       |       |    |
| Missouri Chick Starter.....                                                            | G 15.00                                             | 4.00 | 4.00  | 50.00 |    |
| 34-5-153.....                                                                          | F 15.56                                             | 5.55 | 4.18  | 56.70 |    |
| Poultry Laying Mash.....                                                               | G 20.00                                             | 5.00 | 6.50  | 45.00 |    |
| 34-5-154.....                                                                          | F 21.06                                             | 6.03 | 5.04  | 46.49 |    |
| <b>Farmers Exchange, Neosho, Mo.</b>                                                   |                                                     |      |       |       |    |
| Missouri Formula All-Mash Chick Starter.....                                           | G 14.00                                             | 3.50 | 5.00  | 54.00 |    |
| 34-4-41 <sup>8</sup> .....                                                             | F 16.31                                             | 5.16 | 3.67  | 58.14 |    |
| Missouri Formula Laying Mash.....                                                      | G 20.00                                             | 3.50 | 6.50  | 44.00 |    |
| 34-4-40 <sup>8</sup> .....                                                             | F 22.31                                             | 5.88 | 4.42  | 48.84 |    |
| Our Dairy Feed.....                                                                    | G 14.00                                             | 3.50 | 5.00  | 53.00 |    |
| 34-4-42 <sup>1</sup> .....                                                             | F 12.31                                             | 4.72 | 7.55  | 59.98 |    |
| <b>Farmers Exchange, Rogersville, Mo.</b>                                              |                                                     |      |       |       |    |
| Exchange Dairy Feed.....                                                               | G 14.50                                             | 4.50 | 9.40  | 60.00 |    |
| 34-10-184 <sup>4,5,8</sup> .....                                                       | F 14.75                                             | 4.75 | 8.22  | 55.06 |    |
| Exchange Laying Mash.....                                                              | G 18.00                                             | 4.80 | 6.20  | 52.00 |    |
| 34-10-183 <sup>4,5,14</sup> .....                                                      | F 21.19                                             | 5.82 | 5.89  | 49.12 |    |
| <b>Farmers Exchange, Shelbyville, Mo.</b>                                              |                                                     |      |       |       |    |
| No. 544 Laying Mash.....                                                               | G 19.00                                             | 5.00 | 6.50  | 47.00 |    |
| 34-1-189.....                                                                          | F 19.81                                             | 5.96 | 5.75  | 48.59 |    |
| No. 544 Starting Mash.....                                                             | G 14.00                                             | 4.00 | 4.00  | 55.00 |    |
| 34-5-107.....                                                                          | F 14.94                                             | 4.77 | 3.25  | 58.13 |    |
| Missouri Formula Starting Mash.....                                                    | G 15.00                                             | 4.00 | 5.50  | 54.00 |    |
| 34-5-106.....                                                                          | F 16.19                                             | 5.55 | 3.66  | 56.11 |    |
| U-Sav-On Laying Mash.....                                                              | G 18.00                                             | 4.50 | 6.00  | 50.00 |    |
| 34-1-190.....                                                                          | F 18.56                                             | 4.96 | 4.75  | 50.51 |    |
| <b>Farmers Exchange, Walnut Grove, Mo.</b>                                             |                                                     |      |       |       |    |
| La-Mor Egg Mash.....                                                                   | G 20.00                                             | 4.00 | 6.50  | 45.00 |    |
| 34-1-250 <sup>2</sup> .....                                                            | F 21.31                                             | 5.44 | 5.24  | 48.11 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |          |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|----------|
|                                                                                        | Protein                                             | Fat  | Fiber | N. F. E. |
| <b>Farmers Exchange, Webb City, Mo.</b>                                                |                                                     |      |       |          |
| Exchange Chick All Mash.....                                                           | G 16.50                                             | 4.00 | 4.50  | 54.50    |
| 34-7-99.....                                                                           | F 16.81                                             | 5.35 | 3.29  | 58.06    |
| 34-9-120.....                                                                          | F 15.31                                             | 5.67 | 4.53  | 58.12    |
| Exchange Dairy Feed.....                                                               | G 12.00                                             | 3.00 | 15.00 | 48.50    |
| 34-9-118 <sup>4,5,23</sup> .....                                                       | F 13.81                                             | 3.69 | 10.80 | 54.44    |
| Exchange Laying Mash.....                                                              | G 19.00                                             | 3.50 | 6.00  | 47.00    |
| 34-7-98.....                                                                           | F 19.88                                             | 6.05 | 4.78  | 50.99    |
| 34-9-119.....                                                                          | F 17.50                                             | 6.59 | 0.32  | 55.76    |
| Exchange Mixed Feed.....                                                               | G 12.00                                             | 3.00 | 15.00 | 52.50    |
| 34-9-116 <sup>4,5,23</sup> .....                                                       | F 12.94                                             | 4.19 | 14.90 | 51.21    |
| Exchange O. K. Mixed Feed.....                                                         | G 12.00                                             | 3.00 | 16.00 | 52.50    |
| 34-9-117 <sup>4,5,23</sup> .....                                                       | F 14.19                                             | 3.74 | 9.63  | 56.39    |
| O. K. Laying Mash.....                                                                 | G 18.00                                             | 3.50 | 9.00  | 59.50    |
| 34-7-100 <sup>2</sup> .....                                                            | F 18.00                                             | 5.23 | 7.04  | 53.37    |
| 34-9-121 <sup>4,5,23</sup> .....                                                       | F 19.25                                             | 4.53 | 7.66  | 51.67    |
| <b>Farmers Feed, Grain and Seed Co., Sweet Springs, Mo.</b>                            |                                                     |      |       |          |
| New Deal Dairy Feed.....                                                               | G 20.00                                             | 4.50 | 6.50  | 54.00    |
| 34-2-237.....                                                                          | F 16.69                                             | 4.82 | 5.80  | 56.46    |
| 34-7-139.....                                                                          | F 16.69                                             | 4.75 | 7.51  | 57.41    |
| New Deal Egg Mash.....                                                                 | G 18.00                                             | 4.00 | 4.50  | 55.00    |
| 34-2-238.....                                                                          | F 15.63                                             | 4.51 | 3.85  | 57.84    |
| 34-7-138.....                                                                          | F 15.63                                             | 4.23 | 3.68  | 61.14    |
| Needed Change Laying Mash.....                                                         | G 15.00                                             | 3.50 | 6.50  | 45.00    |
| 34-2-236.....                                                                          | F 16.63                                             | 5.90 | 4.97  | 53.40    |
| <b>Farmers Grain, Produce and Mercantile Co., New Hampton, Mo.</b>                     |                                                     |      |       |          |
| Farmers Best Laying Mash.....                                                          | G 18.00                                             | 4.00 | 10.00 | 43.00    |
| 34-3-71 <sup>8</sup> .....                                                             | F 19.44                                             | 5.12 | 7.63  | 47.49    |
| <b>Farmers Home Mill, Owensville, Mo.</b>                                              |                                                     |      |       |          |
| Dairy Feed.....                                                                        | G 14.50                                             | 4.40 | 10.00 | 58.00    |
| 34-5-45.....                                                                           | F 17.44                                             | 5.23 | 8.79  | 51.38    |
| Wheat Mixed Feed.....                                                                  | G 16.10                                             | 4.30 | 6.90  | 58.10    |
| 34-5-44.....                                                                           | F 16.50                                             | 4.68 | 6.70  | 57.17    |
| 34-11-24.....                                                                          | F 16.25                                             | 3.71 | 6.27  | 60.14    |
| <b>Farmers Grain Elevator Co., Butler, Mo.</b>                                         |                                                     |      |       |          |
| Missouri Egg Mash.....                                                                 | G 18.00                                             | 4.00 | 8.00  | 46.00    |
| 34-10-26.....                                                                          | F 20.81                                             | 4.39 | 5.62  | 47.79    |
| <b>Farmers and Merchants Feed and Cottonseed Oil Mill Co., Tipton, Okla.</b>           |                                                     |      |       |          |
| Whole Pressed Cottonseed.....                                                          | G 28.00                                             | 4.00 | 25.00 | 28.00    |
| 34-1-221 <sup>1,3</sup> .....                                                          | F 29.00                                             | 7.49 | 23.71 | 29.83    |
| <b>Farmers Milling Elevator and Supply Co., Winfield, Mo.</b>                          |                                                     |      |       |          |
| Laying Mash.....                                                                       | G 20.00                                             | 4.50 | 5.44  | 45.37    |
| 34-1-184 <sup>9</sup> .....                                                            | F 24.63                                             | 5.12 | 4.81  | 45.24    |
| 34-6-85 <sup>9</sup> .....                                                             | F 24.50                                             | 4.95 | 5.13  | 47.98    |
| 34-8-195 <sup>9</sup> .....                                                            | F 24.00                                             | 5.02 | 4.69  | 49.26    |
| Screened Cracked Corn.....                                                             | G 8.00                                              | 2.93 | 2.00  | 74.79    |
| 34-6-87.....                                                                           | F 9.44                                              | 4.26 | 2.26  | 70.52    |
| Winfield Chick Start-to-Finish Mash.....                                               | G 14.00                                             | 3.00 | 5.50  | 51.00    |
| 34-6-86.....                                                                           | F 16.94                                             | 4.24 | 4.08  | 57.98    |
| 34-8-196.....                                                                          | F 16.50                                             | 4.36 | 3.95  | 59.83    |
| <b>Farmers Produce Co., Meadville, Mo.</b>                                             |                                                     |      |       |          |
| U-Sav-On Laying Mash.....                                                              | G 18.00                                             | 4.50 | 6.00  | 50.00    |
| 34-9-50.....                                                                           | F 17.81                                             | 6.51 | 4.15  | 56.91    |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber N. F. E. |      |       |       |
|----------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------|------|-------|-------|
| <b>Farmers Produce Co., Norwood, Mo.</b>                                               |   |                                                                                             |      |       |       |
| More Eggs.....                                                                         | G | 16.50                                                                                       | 4.50 | 9.50  | 50.40 |
| 34-2-35 <sup>4,5</sup> .....                                                           | F | 18.31                                                                                       | 6.75 | 7.26  | 50.69 |
| 34-10-194 <sup>4</sup> .....                                                           | F | 18.75                                                                                       | 6.11 | 8.10  | 49.48 |
| <b>Farmers Produce Co., Shelbyna, Mo.</b>                                              |   |                                                                                             |      |       |       |
| Missouri Laying Mash.....                                                              | G | 15.00                                                                                       | 3.50 | 6.50  | 49.00 |
| 34-1-185.....                                                                          | F | 20.25                                                                                       | 5.20 | 4.50  | 49.43 |
| 34-1-186 <sup>8</sup> .....                                                            | F | 20.06                                                                                       | 5.87 | 5.09  | 48.71 |
| <b>Farmers Produce Exchange, Trenton, Mo.</b>                                          |   |                                                                                             |      |       |       |
| Popular All-Mash Chick Starter.....                                                    | G | 15.00                                                                                       | 4.00 | 5.00  | 54.00 |
| 34-9-65 <sup>7,23</sup> .....                                                          | F | 17.69                                                                                       | 6.59 | 4.07  | 57.13 |
| Popular Growing Mash.....                                                              | G | 18.00                                                                                       | 5.00 | 5.00  | 50.00 |
| 34-9-66 <sup>10,23</sup> .....                                                         | F | 20.25                                                                                       | 6.81 | 4.87  | 49.37 |
| <b>Farmers Produce and Grain Co., Hamilton, Mo.</b>                                    |   |                                                                                             |      |       |       |
| Missouri Formula All-Mash Chick Starter.....                                           | G | 14.00                                                                                       | 3.50 | 5.00  | 53.00 |
| 34-7-64 <sup>7,8</sup> .....                                                           | F | 17.25                                                                                       | 5.22 | 3.04  | 58.51 |
| Missouri Formula Growing Mash.....                                                     | G | 17.00                                                                                       | 3.50 | 6.00  | 46.00 |
| 34-7-63 <sup>7,8</sup> .....                                                           | F | 18.69                                                                                       | 5.40 | 5.07  | 52.12 |
| <b>Farmers Produce and Grain Exchange, Chillicothe, Mo.</b>                            |   |                                                                                             |      |       |       |
| Triangle All-Mash Chick Starter.....                                                   | G | 14.50                                                                                       | 3.00 | 5.00  | 50.00 |
| 34-3-235 <sup>7</sup> .....                                                            | F | 15.81                                                                                       | 5.24 | 3.44  | 55.64 |
| Triangle Dairy Feed.....                                                               | G | 15.00                                                                                       | 3.75 | 10.00 | 47.00 |
| 34-12-60 <sup>7,31</sup> .....                                                         | F | 18.00                                                                                       | 4.90 | 8.43  | 50.83 |
| Triangle Egg Mash.....                                                                 | G | 16.00                                                                                       | 3.50 | 8.00  | 49.00 |
| 34-3-234 <sup>7</sup> .....                                                            | F | 17.38                                                                                       | 5.11 | 6.29  | 52.41 |
| 34-12-61 <sup>7,31</sup> .....                                                         | F | 18.81                                                                                       | 4.67 | 7.08  | 50.10 |
| Triangle Egg Mash with Dried Buttermilk.....                                           | G | 18.50                                                                                       | 3.50 | 8.50  | 42.00 |
| 34-3-233 <sup>7</sup> .....                                                            | F | 22.63                                                                                       | 5.69 | 6.88  | 45.40 |
| 34-12-62 <sup>7,31</sup> .....                                                         | F | 21.13                                                                                       | 5.41 | 6.97  | 47.28 |
| <b>Farmers Supply Co., Greenfield, Mo.</b>                                             |   |                                                                                             |      |       |       |
| Farmers Choice Laying Mash.....                                                        | G | 19.00                                                                                       | 4.40 | 7.00  | 46.00 |
| 34-5-126 <sup>4</sup> .....                                                            | F | 20.69                                                                                       | 5.71 | 6.59  | 48.90 |
| 34-7-203 <sup>23</sup> .....                                                           | F | 21.25                                                                                       | 6.97 | 6.38  | 47.36 |
| University All-Mash Chick Starter.....                                                 | G | 14.50                                                                                       | 3.00 | 6.00  | 52.00 |
| 34-5-131 <sup>4,5</sup> .....                                                          | F | 16.94                                                                                       | 5.07 | 3.18  | 58.24 |
| 34-7-204 <sup>23</sup> .....                                                           | F | 16.88                                                                                       | 6.37 | 3.50  | 57.98 |
| University Growing Mash.....                                                           | G | 16.00                                                                                       | 3.00 | 6.70  | 43.00 |
| 34-5-132 <sup>2</sup> .....                                                            | F | 19.69                                                                                       | 5.78 | 4.38  | 54.48 |
| 34-7-205 <sup>23</sup> .....                                                           | F | 19.50                                                                                       | 6.45 | 4.48  | 50.75 |
| <b>Farmington Milling Co., Farmington, Mo.</b>                                         |   |                                                                                             |      |       |       |
| Farmilco Chick Feed.....                                                               | G | 10.00                                                                                       | 3.00 | 5.00  | 55.00 |
| 34-11-205.....                                                                         | F | 10.44                                                                                       | 5.60 | 1.49  | 69.38 |
| Farmilco Dairy Feed.....                                                               | G | 15.00                                                                                       | 4.25 | 7.25  | 57.00 |
| 34-11-208 <sup>8</sup> .....                                                           | F | 18.06                                                                                       | 6.19 | 7.42  | 51.49 |
| Farmilco Laying Mash.....                                                              | G | 20.00                                                                                       | 4.75 | 6.00  | 46.50 |
| 34-11-206 <sup>8</sup> .....                                                           | F | 19.81                                                                                       | 6.74 | 5.85  | 46.23 |
| Farmilco Scratch Feed.....                                                             | G | 10.00                                                                                       | 3.00 | 5.00  | 60.00 |
| 34-11-207.....                                                                         | F | 10.75                                                                                       | 4.92 | 2.62  | 68.34 |
| Screened Corn Chops.....                                                               | G | 7.50                                                                                        | 3.50 | 2.00  | 72.00 |
| 34-11-209.....                                                                         | F | 9.69                                                                                        | 5.02 | 1.82  | 70.86 |
| Wheat Mixed Feed with Wheat Screenings and Corn Bran.....                              | G | 14.00                                                                                       | 4.50 | 8.50  | 55.00 |
| 34-11-204.....                                                                         | F | 15.94                                                                                       | 5.25 | 8.22  | 54.61 |
| <b>Farrell's Feed Mill, Belgrade, Mo.</b>                                              |   |                                                                                             |      |       |       |
| Soft Wheat Mill-Run Mixed Feed with Soft Wheat Screenings and Corn Bran.....           | G | 13.00                                                                                       | 3.00 | 9.00  | 59.00 |
| 34-5-64.....                                                                           | F | 15.88                                                                                       | 4.77 | 8.97  | 56.44 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |         |       |                |
|----------------------------------------------------------------------------------------|--------------------------------|---------|-------|----------------|
|                                                                                        | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N. F. E. |
| <b>Fayette Co-operative Mill and Elevator Co., Fayette, Mo.</b>                        |                                |         |       |                |
| Happy Chick Starter Mash.....                                                          | G                              | 15.00   | 3.50  | 6.00 35.00     |
| 34-10-145 <sup>4,5,8,12, 15</sup> .....                                                | F                              | 16.63   | 5.77  | 3.46 54.34     |
| University Laying Mash.....                                                            | G                              | 18.00   | 5.00  | 6.00 48.50     |
| 34-2-152 <sup>4,5,8</sup> .....                                                        | F                              | 22.13   | 4.66  | 3.48 48.79     |
| 34-10-146 <sup>4,5,8,12,14,15,32</sup> .....                                           | F                              | 21.44   | 6.41  | 4.00 48.86     |
| <b>Federal Feed Co., St. Joseph, Mo.</b>                                               |                                |         |       |                |
| Federal Egg Mash.....                                                                  | G                              | 18.00   | 3.50  | 7.00 56.00     |
| 34-3-245 <sup>1,4,5,8,9,10</sup> .....                                                 | F                              | 17.03   | 4.82  | 5.54 52.79     |
| 34-5-140 <sup>4,5,8,10</sup> .....                                                     | F                              | 17.46   | 4.86  | 5.45 54 29     |
| <b>Feeders Supply and Manufacturing Co., Kansas City, Mo.</b>                          |                                |         |       |                |
| Equity Brand Cottonseed Cake.....                                                      | G                              | 43.00   | 6.00  | 12.00 23.00    |
| 34-10-126 <sup>24</sup> .....                                                          | F                              | 44.00   | 8.14  | 9.12 24.97     |
| Equity Brand Cottonseed Meal.....                                                      | G                              | 43.00   | 6.00  | 12.00 23.00    |
| 34-4-194 <sup>24</sup> .....                                                           | F                              | 42.75   | 6.70  | 10.54 24.81    |
| Equity Digester Tankage.....                                                           | G                              | 60 00   | 6.00  | 2.00 2.00      |
| 34-10-125 <sup>23</sup> .....                                                          | F                              | 60.13   | 11.28 | 2.48 1.12      |
| Equity Hen Feed.....                                                                   | G                              | 10.00   | 2.50  | 5.00 55.00     |
| 34-10-128.....                                                                         | F                              | 11.50   | 4.04  | 2.38 70.42     |
| Equity Meat Scraps.....                                                                | G                              | 50.00   | 5 00  | 3.00 1.00      |
| 34-10-127.....                                                                         | F                              | 48.88   | 15.24 | 2.98 0.99      |
| Equity 25 % Protein Corn Balancer with Minerals... ..                                  | G                              | 25.00   | 6.00  | 10.00 31.00    |
| 34-10-130.....                                                                         | F                              | 22.31   | 5.65  | 9.34 42.52     |
| Equity Super Mash.....                                                                 | G                              | 17.00   | 4.50  | 8.00 44.00     |
| 34-10-129.....                                                                         | F                              | 18.88   | 5.78  | 8.94 47.31     |
| <b>L. F. Fellows, Millersville, Mo.</b>                                                |                                |         |       |                |
| Pure Soft Wheat Bran.....                                                              | G                              | 11 50   | 3 50  | 11.00 47.00    |
| 34-10-96.....                                                                          | F                              | 15.75   | 3.63  | 7.46 58.14     |
| Pure Soft Wheat Gray Shorts.....                                                       | G                              | 15.00   | 3.50  | 6.00 55.00     |
| 34-10-97.....                                                                          | F                              | 14.52   | 3.27  | 5.01 63.41     |
| <b>Fidelity Products Co., Brownsville, Texas.</b>                                      |                                |         |       |                |
| Whole Pressed Cottonseed Cake—28 % Protein... ..                                       | G                              | 28.00   | 4 50  | 23.00 29.00    |
| 34-1-238 <sup>1,3</sup> .....                                                          | F                              | 30.44   | 7.49  | 20 36 29.47    |
| <b>Wm. Fleahman's Feed Store, Jonesburg, Mo.</b>                                       |                                |         |       |                |
| Economy Egg Mash.....                                                                  | G                              | 18.00   | 3.50  | 8.00 52 00     |
| 34-5-104.....                                                                          | F                              | 21.13   | 5.72  | 4.50 48.91     |
| <b>Fogarty Coal and Grain Co., St. Joseph, Mo.</b>                                     |                                |         |       |                |
| Graded or Screened Corn Chop.....                                                      | G                              | 7 50    | 3.50  | 3 50 70.68     |
| 34-5-30 <sup>7</sup> .....                                                             | F                              | 9.06    | 4.41  | 2.30 68.31     |
| Graded or Screened Corn Grits.....                                                     | G                              | 5.50    | 1.25  | 1.25 72.57     |
| 34-5-31 <sup>7</sup> .....                                                             | F                              | 7.38    | 3.82  | 1.59 71.39     |
| <b>Fort Smith Cotton Oil Co., Fort Smith, Ark.</b>                                     |                                |         |       |                |
| Old Fort Brand Prime 41 % Grade Cottonseed Meal..                                      | G                              | 41.00   | 6.00  | 10.00 26.00    |
| 34-9-22 <sup>4</sup> .....                                                             | F                              | 41.43   | 7.19  | 10.39 27.43    |
| Old Fort Brand Prime Grade 43 % Cottonseed Meal..                                      | G                              | 43.00   | 6 00  | 10.00 25.00    |
| 34-1-240 <sup>7</sup> .....                                                            | F                              | 44.06   | 8.45  | 10.20 25.19    |
| 34-4-56 <sup>1,7</sup> .....                                                           | F                              | 43.38   | 7.92  | 10 70 26.09    |
| 34-4-230 <sup>1,7</sup> .....                                                          | F                              | 43.69   | 7.70  | 10.52 26.26    |
| 34-5-17 <sup>1,7</sup> .....                                                           | F                              | 43 69   | 7.84  | 10.20 27.10    |
| 34-8-41 <sup>1,7</sup> .....                                                           | F                              | 44.81   | 9.34  | 9.66 23.81     |
| 34-8-97 <sup>1,27</sup> .....                                                          | F                              | 42.13   | 6.80  | 11.84 21.89    |
| 34-9-160 <sup>7</sup> .....                                                            | F                              | 43.63   | 9.25  | 10.79 24.02    |
| <b>Fredericktown Milling Co., Fredericktown, Mo.</b>                                   |                                |         |       |                |
| Mixed Feed.....                                                                        | G                              | 14.50   | 3.50  | 8.50 52.00     |
| 34-11-59 <sup>3,7,14</sup> .....                                                       | F                              | 15.00   | 4.19  | 6.90 57.86     |
| 34-11-71 <sup>14,31</sup> .....                                                        | F                              | 15.38   | 3.96  | 7.24 56.89     |
| 34-11-233 <sup>7,10</sup> .....                                                        | F                              | 15.63   | 4.19  | 7.44 56.59     |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |          |       |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|----------|-------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |          |       |
|                                                                                        | Protein           | Fat            | Fiber         | N. F. E. |       |
| Soft Wheat Bran with Wheat Screenings, not Exceeding Mill-run.....                     | G                 | 14.50          | 3.50          | 11.00    | 47.00 |
| 34-11-236 <sup>7,8</sup> .....                                                         | F                 | 15.88          | 4.01          | 7.84     | 55.16 |
| Soft Wheat Gray Shorts with Wheat Screenings, not Exceeding Mill-run.....              | G                 | 16.00          | 3.50          | 6.00     | 55.00 |
| 34-11-232 <sup>7</sup> .....                                                           | F                 | 15.44          | 4.06          | 3.51     | 62.19 |
| Yellow Corn Chops.....                                                                 | G                 | 9.20           | 4.30          | 2.20     | 71.50 |
| 34-11-234 <sup>4,5,23</sup> .....                                                      | F                 | 9.56           | 4.44          | 1.47     | 71.18 |
| Yellow Corn Meal.....                                                                  | G                 | 9.50           | 4.00          | 2.30     | 72.00 |
| 34-11-235 <sup>4,5,23</sup> .....                                                      | F                 | 10.31          | 4.72          | 1.57     | 69.24 |
| <b>Fredonia Linseed Oil Works Co., Fredonia, Kan.</b>                                  |                   |                |               |          |       |
| Tiger Brand Old Process Linseed Meal.....                                              | G                 | 34.00          | 4.50          | 9.00     | 33.00 |
| 34-1-234 <sup>9</sup> .....                                                            | F                 | 39.69          | 5.76          | 6.69     | 33.59 |
| <b>Friendly Feed Store, Jamesport, Mo.</b>                                             |                   |                |               |          |       |
| Friendly Feeds Laying Mash with Cod Liver Oil.....                                     | G                 | 19.00          | 4.50          | 7.00     | 45.00 |
| 34-9-47 <sup>10</sup> .....                                                            | F                 | 21.63          | 5.38          | 6.75     | 46.92 |
| <b>Frohna Feed Store Co., Frohna, Mo.</b>                                              |                   |                |               |          |       |
| Laying Mash.....                                                                       | G                 | 20.00          | 4.50          | 4.75     | 50.00 |
| 34-11-146.....                                                                         | F                 | 20.69          | 5.35          | 4.65     | 49.83 |
| Starting Mash.....                                                                     | G                 | 13.50          | 3.50          | 3.75     | 58.00 |
| 34-11-147 <sup>14</sup> .....                                                          | F                 | 16.19          | 6.63          | 3.62     | 56.54 |
| <b>G. F. Garoutte, Goodman, Mo.</b>                                                    |                   |                |               |          |       |
| Ozark Dairy Feed 2.....                                                                | G                 | 15.50          | 3.40          | 7.60     | 52.70 |
| 34-2-272.....                                                                          | F                 | 16.69          | 4.96          | 6.89     | 54.17 |
| Ozark Mixed Feed.....                                                                  | G                 | 12.30          | 3.80          | 10.00    | 55.00 |
| 34-2-273 <sup>13</sup> .....                                                           | F                 | 13.81          | 4.42          | 7.62     | 56.60 |
| Ozark Scratch Feed.....                                                                | G                 | 10.00          | 2.70          | 4.60     | 63.00 |
| 34-2-275.....                                                                          | F                 | 10.13          | 4.07          | 1.91     | 69.24 |
| XXX Laying Mash.....                                                                   | G                 | 16.50          | 4.00          | 8.00     | 52.00 |
| 34-2-274 <sup>13</sup> .....                                                           | F                 | 16.63          | 6.49          | 5.14     | 52.08 |
| <b>Gee Bee Mills Co., St. Joseph, Mo.</b>                                              |                   |                |               |          |       |
| Competitor Dairy Ration.....                                                           | G                 | 12.00          | 2.50          | 15.00    | 45.00 |
| 34-9-193 <sup>4,5</sup> .....                                                          | F                 | 21.94          | 3.19          | 18.09    | 37.36 |
| Gee Bee Chick Starter.....                                                             | G                 | 20.00          | 4.00          | 4.50     | 49.00 |
| 34-9-57.....                                                                           | F                 | 18.56          | 6.61          | 4.15     | 56.72 |
| Gee Bee Egg Mash.....                                                                  | G                 | 20.00          | 4.00          | 4.50     | 48.00 |
| 34-3-88 <sup>1</sup> .....                                                             | F                 | 21.00          | 6.61          | 5.26     | 45.78 |
| 34-9-55 <sup>8</sup> .....                                                             | F                 | 25.38          | 7.24          | 4.85     | 44.75 |
| 34-9-194 <sup>8</sup> .....                                                            | F                 | 20.63          | 6.90          | 3.44     | 45.87 |
| Gee Bee Growing Mash.....                                                              | G                 | 17.50          | 3.50          | 4.50     | 50.00 |
| 34-9-58 <sup>8</sup> .....                                                             | F                 | 19.38          | 7.04          | 4.12     | 52.31 |
| Gee Bee Hog Feed.....                                                                  | G                 | 20.00          | 3.50          | 7.00     | 40.00 |
| 34-9-59 <sup>9</sup> .....                                                             | F                 | 24.75          | 4.18          | 5.67     | 44.98 |
| Liberty Chick Starter.....                                                             | G                 | 16.00          | 4.00          | 6.00     | 54.00 |
| 34-9-60.....                                                                           | F                 | 17.69          | 6.32          | 3.53     | 57.09 |
| Liberty Egg Mash.....                                                                  | G                 | 18.00          | 4.00          | 6.00     | 50.00 |
| 34-9-56 <sup>8,9</sup> .....                                                           | F                 | 19.06          | 5.21          | 4.36     | 52.48 |
| <b>Martin C. Gemeinhardt, Fruitland, Mo.</b>                                           |                   |                |               |          |       |
| Laying Mash.....                                                                       | G                 | 15.00          | 4.00          | 7.00     | 50.00 |
| 34-10-95.....                                                                          | F                 | 14.79          | 5.55          | 4.73     | 58.60 |
| <b>General Mills, Inc., Minneapolis, Minn.</b>                                         |                   |                |               |          |       |
| 43 % Cottonseed Meal.....                                                              | G                 | 43.00          | 6.00          | 12.00    | 23.00 |
| 34-3-43.....                                                                           | F                 | 43.81          | 7.39          | 11.55    | 25.03 |
| Alfalfa Meal.....                                                                      | G                 | 13.00          | 1.00          | 33.00    | 35.00 |
| 34-2-60 <sup>1</sup> .....                                                             | F                 | 16.13          | 2.25          | 26.62    | 38.01 |
| Ben Hur Dairy Feed.....                                                                | G                 | 12.50          | 2.50          | 12.50    | 55.00 |
| 34-10-148.....                                                                         | F                 | 13.75          | 2.94          | 12.64    | 51.69 |
| Ben Hur Egg Mash.....                                                                  | G                 | 18.00          | 4.00          | 7.50     | 46.00 |
| 34-4-64.....                                                                           | F                 | 19.63          | 5.63          | 6.94     | 49.20 |
| 34-9-168.....                                                                          | F                 | 22.50          | 5.04          | 7.18     | 48.05 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |      |       |          |  |
|----------------------------------------------------------------------------------------|--------------------------------|------|-------|----------|--|
|                                                                                        | % Guaranteed (G) and Found (F) |      |       |          |  |
|                                                                                        | Protein                        | Fat  | Fiber | N. F. E. |  |
| 34-10-136.....                                                                         | F 19.50                        | 5.76 | 7.49  | 50.08    |  |
| 34-11-141.....                                                                         | F 19.13                        | 5.64 | 6.88  | 51.18    |  |
| 34-12-59.....                                                                          | F 21.94                        | 4.19 | 6.65  | 48.06    |  |
| Ben Hur Mixed Feed.....                                                                | G 12.50                        | 2.50 | 12.50 | 55.00    |  |
| 34-4-70.....                                                                           | F 13.50                        | 4.63 | 8.75  | 53.29    |  |
| Eventually Gold Medal Adult Turkey Mash.....                                           | G 19.00                        | 4.00 | 7.50  | 45.00    |  |
| 34-4-69.....                                                                           | F 20.75                        | 6.21 | 6.95  | 45.75    |  |
| Eventually Gold Medal Broiler Ration.....                                              | G 15.50                        | 4.00 | 6.00  | 50.00    |  |
| 34-4-76.....                                                                           | F 16.88                        | 5.75 | 4.90  | 55.06    |  |
| Eventually Gold Medal Cattle Fattener.....                                             | G 14.00                        | 4.00 | 14.00 | 50.00    |  |
| 34-4-73.....                                                                           | F 14.88                        | 3.11 | 7.23  | 52.76    |  |
| Eventually Gold Medal Chick Feed.....                                                  | G 10.00                        | 2.00 | 4.00  | 55.00    |  |
| 34-4-79.....                                                                           | F 11.94                        | 2.85 | 0.86  | 71.61    |  |
| Eventually Gold Medal Chick Ration.....                                                | G 15.50                        | 4.00 | 6.00  | 50.00    |  |
| 34-4-63 <sup>12</sup> .....                                                            | F 17.94                        | 5.59 | 5.00  | 52.92    |  |
| Eventually Gold Medal Dairy Ration.....                                                | G 20.00                        | 4.00 | 12.00 | 45.00    |  |
| 34-4-74.....                                                                           | F 22.13                        | 5.11 | 9.77  | 48.21    |  |
| Eventually Gold Medal Dairy Supplement.....                                            | G 32.00                        | 4.00 | 9.00  | 35.00    |  |
| 34-4-72.....                                                                           | F 33.69                        | 5.54 | 8.87  | 35.87    |  |
| Eventually Gold Medal Developing Feed.....                                             | G 10.00                        | 2.00 | 4.00  | 55.00    |  |
| 34-4-83.....                                                                           | F 10.69                        | 4.66 | 1.57  | 72.53    |  |
| Eventually Gold Medal Egg Mash.....                                                    | G 19.00                        | 4.00 | 7.50  | 45.00    |  |
| 34-4-67.....                                                                           | F 19.75                        | 5.51 | 6.79  | 47.89    |  |
| 34-10-139.....                                                                         | F 20.63                        | 6.62 | 6.89  | 47.64    |  |
| Eventually Gold Medal Egg Mash for Breeding and Laying.....                            | G 18.00                        | 5.00 | 7.00  | 46.50    |  |
| 34-1-71.....                                                                           | F 19.94                        | 5.57 | 6.03  | 48.91    |  |
| Eventually Gold Medal Growing Mash with Dried Buttermilk and Cod Liver Oil.....        | G 18.00                        | 4.00 | 6.00  | 50.00    |  |
| 34-2-178... ..                                                                         | F 16.94                        | 6.83 | 5.24  | 56.38    |  |
| Eventually Gold Medal Live Car Feed.....                                               | G 14.00                        | 4.50 | 6.00  | 55.00    |  |
| 34-4-65.....                                                                           | F 16.44                        | 6.37 | 6.17  | 56.99    |  |
| Eventually Gold Medal Mash Concentrate.....                                            | G 32.00                        | 5.00 | 7.00  | 28.00    |  |
| 34-4-66.....                                                                           | F 32.38                        | 7.41 | 7.01  | 28.49    |  |
| Eventually Gold Medal No-Corn Chick Feed.....                                          | G 10.00                        | 2.00 | 4.00  | 55.00    |  |
| 34-4-77.....                                                                           | F 14.25                        | 3.82 | 1.92  | 67.65    |  |
| Eventually Gold Medal Pig and Hog Meal.....                                            | G 26.00                        | 5.00 | 6.00  | 50.00    |  |
| 34-4-71 <sup>9</sup> .....                                                             | F 28.00                        | 5.71 | 5.51  | 39.02    |  |
| 34-10-138.....                                                                         | F 28.00                        | 6.91 | 5.95  | 37.65    |  |
| Eventually Gold Medal Poultry Fattener.....                                            | G 14.00                        | 4.50 | 6.00  | 55.00    |  |
| 34-4-68.....                                                                           | F 15.81                        | 6.86 | 6.03  | 57.71    |  |
| Eventually Gold Medal Scratch Feed.....                                                | G 10.00                        | 2.00 | 4.00  | 55.00    |  |
| 34-4-82.....                                                                           | F 12.06                        | 4.37 | 1.97  | 68.81    |  |
| North Star All-Mash Ration with Cod Liver Oil and Dried Buttermilk.....                | G 15.00                        | 4.00 | 7.00  | 55.00    |  |
| 34-4-62.....                                                                           | F 18.31                        | 6.12 | 6.00  | 51.35    |  |
| 34-7-60.....                                                                           | F 17.00                        | 5.79 | 6.49  | 53.50    |  |
| 34-8-180.....                                                                          | F 16.31                        | 6.12 | 6.54  | 53.68    |  |
| North Star Chick Feed.....                                                             | G 10.00                        | 2.00 | 4.00  | 55.00    |  |
| 34-4-78.....                                                                           | F 10.50                        | 4.10 | 1.20  | 70.82    |  |
| North Star Dairy Ration.....                                                           | G 16.00                        | 3.50 | 12.00 | 45.00    |  |
| 34-2-172.....                                                                          | F 17.44                        | 3.82 | 9.27  | 49.53    |  |
| 34-4-75.....                                                                           | F 16.81                        | 3.22 | 10.55 | 51.33    |  |
| 34-9-75.....                                                                           | F 18.44                        | 8.13 | 9.85  | 43.05    |  |
| 34-10-147.....                                                                         | F 17.50                        | 2.66 | 12.18 | 48.14    |  |
| North Star Developing Feed.....                                                        | G 10.00                        | 2.00 | 4.00  | 55.00    |  |
| 34-4-84.....                                                                           | F 10.31                        | 4.30 | 1.32  | 70.36    |  |
| 34-8-182.....                                                                          | F 10.06                        | 5.22 | 2.13  | 71.74    |  |
| North Star Egg Mash.....                                                               | G 18.00                        | 4.00 | 7.50  | 46.00    |  |
| 34-2-179 <sup>8</sup> .....                                                            | F 18.06                        | 5.75 | 7.70  | 49.52    |  |
| 34-4-61.....                                                                           | F 19.00                        | 5.54 | 7.22  | 49.76    |  |
| 34-8-15.....                                                                           | F 20.38                        | 5.34 | 6.83  | 49.55    |  |
| North Star No-Corn Chick Feed.....                                                     | G 9.50                         | 2.00 | 5.00  | 55.00    |  |
| 34-4-80.....                                                                           | F 12.19                        | 4.09 | 2.10  | 68.82    |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key    | Chemical Analyses |                |               |          |       |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|----------|-------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |          |       |
|                                                                                           | Protein           | Fat            | Fiber         | N. F. E. |       |
| North Star Scratch Feed.....                                                              | G                 | 10.00          | 2.00          | 4.00     | 55.00 |
| 34-4-81.....                                                                              | F                 | 11.38          | 4.65          | 2.40     | 67.62 |
| 34-8-183.....                                                                             | F                 | 10.31          | 4.97          | 2.21     | 68.14 |
| North Star Scratch Feed No Grit.....                                                      | G                 | 9.00           | 2.50          | 5.00     | 55.00 |
| 34-2-171.....                                                                             | F                 | 10.44          | 4.67          | 2.20     | 68.89 |
| Washburn's Gold Medal Pure Wheat Bran.....                                                | G                 | 15.00          | 3.50          | 11.00    | 50.00 |
| 34-7-62.....                                                                              | F                 | 16.56          | 4.85          | 10.37    | 49.75 |
| Washburn's Gold Medal Wheat Gray Shorts and<br>Wheat Screenings, not Exceeding 8 %.....   | G                 | 16.00          | 4.00          | 6.00     | 57.00 |
| 34-7-61.....                                                                              | F                 | 18.38          | 4.88          | 5.89     | 55.03 |
| 34-8-138.....                                                                             | F                 | 18.19          | 4.30          | 6.35     | 56.83 |
| <b>Gerald Roller Mills, Gerald, Mo.</b>                                                   |                   |                |               |          |       |
| Pure Wheat Gray Shorts.....                                                               | G                 | 16.00          | 3.50          | 6.00     | 55.00 |
| 34-10-174 <sup>2</sup> .....                                                              | F                 | 17.19          | 4.84          | 4.34     | 59.80 |
| Wheat and Corn Bran with Mill-run Ground Wheat<br>Screenings, not Exceeding Mill-run..... | G                 | 15.50          | 3.25          | 11.00    | 47.00 |
| 34-5-200 <sup>7</sup> .....                                                               | F                 | 16.00          | 4.90          | 8.38     | 53.43 |
| 34-10-175 <sup>6</sup> .....                                                              | F                 | 16.38          | 4.03          | 9.13     | 53.67 |
| <b>Glessing Milling Co., Farmington, Mo.</b>                                              |                   |                |               |          |       |
| Egg Mash.....                                                                             | G                 | 20.00          | 4.50          | 8.00     | 46.00 |
| 34-11-211 <sup>10</sup> .....                                                             | F                 | 17.60          | 6.02          | 5.59     | 50.52 |
| Growing Mash.....                                                                         | G                 | 18.00          | 4.50          | 7.50     | 50.00 |
| 34-11-210 <sup>10 23</sup> .....                                                          | F                 | 16.19          | 6.12          | 7.40     | 50.87 |
| Mixed Feed with Wheat Screenings, not Exceeding 8 %                                       | G                 | 16.00          | 4.00          | 8.50     | 45.50 |
| 34-11-214 <sup>23</sup> .....                                                             | F                 | 15.13          | 5.15          | 7.16     | 56.14 |
| First Prize Scratch Feed.....                                                             | G                 | 8.00           | 4.00          | 5.00     | 58.00 |
| 34-11-212.....                                                                            | F                 | 10.19          | 5.71          | 2.53     | 69.02 |
| Soft Wheat Bran with Ground Wheat Screenings, not<br>Exceeding Mill-run or 8 %.....       | G                 | 15.00          | 3.50          | 11.00    | 48.00 |
| 34-11-68 <sup>3 23</sup> .....                                                            | F                 | 16.13          | 4.25          | 7.91     | 56.18 |
| 34-11-213.....                                                                            | F                 | 15.25          | 5.25          | 8.56     | 53.60 |
| Soft Wheat Gray Shorts with Wheat Screenings, not<br>Exceeding Mill-run.....              | G                 | 16.00          | 4.50          | 6.00     | 65.00 |
| 34-11-66.....                                                                             | F                 | 17.19          | 4.42          | 5.56     | 59.13 |
| 34-11-215 <sup>23</sup> .....                                                             | F                 | 15.35          | 5.33          | 5.53     | 58.19 |
| <b>Pearl Glascock, Philadelphia, Mo.</b>                                                  |                   |                |               |          |       |
| Glascock's Chicken Mash.....                                                              | G                 | 15.00          | 3.00          | 9.00     | 55.00 |
| 34-8-67 <sup>5 14</sup> .....                                                             | F                 | 19.44          | 6.13          | 5.33     | 51.90 |
| <b>Glasgow Co-operative Association, Glasgow, Mo.</b>                                     |                   |                |               |          |       |
| Dividend Dairy Feed.....                                                                  | G                 | 13.00          | 3.50          | 8.00     | 50.00 |
| 34-2-148 <sup>7</sup> .....                                                               | F                 | 14.75          | 4.45          | 3.82     | 58.80 |
| 34-10-140 <sup>7</sup> .....                                                              | F                 | 13.56          | 5.94          | 4.49     | 61.91 |
| Dividend Egg Mash.....                                                                    | G                 | 17.00          | 3.50          | 6.00     | 45.00 |
| 34-2-149 <sup>7</sup> .....                                                               | F                 | 19.56          | 6.08          | 3.04     | 50.86 |
| 34-10-142 <sup>7</sup> .....                                                              | F                 | 19.44          | 7.78          | 3.80     | 49.08 |
| Dividend Pig Meal.....                                                                    | G                 | 22.00          | 3.50          | 7.00     | 42.00 |
| 34-2-147 <sup>7</sup> .....                                                               | F                 | 25.81          | 6.12          | 4.86     | 44.45 |
| 34-10-141 <sup>7</sup> .....                                                              | F                 | 24.75          | 6.75          | 5.48     | 45.36 |
| <b>Goerz Flour Mills Co., Newton, Kan.</b>                                                |                   |                |               |          |       |
| American Ace Pure Wheat Gray Shorts.....                                                  | G                 | 16.00          | 3.50          | 6.00     | 56.00 |
| 34-2-74.....                                                                              | F                 | 19.19          | 5.11          | 5.18     | 54.66 |
| American Ace Wheat Bran and Wheat Screenings....                                          | G                 | 14.50          | 3.50          | 11.00    | 50.00 |
| 34-8-137 <sup>23</sup> .....                                                              | F                 | 17.56          | 3.73          | 10.75    | 51.26 |
| <b>M. K. Goetz Brewing Co., St. Joseph, Mo.</b>                                           |                   |                |               |          |       |
| Brewer's Dried Grains.....                                                                | G                 | 21.00          | 5.50          | 18.00    | 39.00 |
| 34-10-215.....                                                                            | F                 | 24.75          | 6.84          | 17.41    | 38.42 |
| <b>Gooch Feed Mill Co., Lincoln, Neb.</b>                                                 |                   |                |               |          |       |
| Gooch's Best All-Mash Growing Feed.....                                                   | G                 | 15.00          | 4.00          | 7.00     | 52.00 |
| 34-9-45 <sup>9 12</sup> .....                                                             | F                 | 18.06          | 4.82          | 5.32     | 55.07 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |          |       |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|----------|-------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |          |       |
|                                                                                        | Protein           | Fat            | Fiber         | N. F. E. |       |
| Gooch's Best All-Mash Starting Feed.....                                               | G                 | 17.50          | 4.00          | 6.00     | 53.00 |
| 34-3-241 <sup>7 8 12</sup> .....                                                       | F                 | 21.50          | 5.13          | 5.24     | 49.74 |
| Gooch's Best Baby Chick Scratch.....                                                   | G                 | 10.00          | 2.00          | 3.00     | 68.00 |
| 34-3-242 <sup>17</sup> .....                                                           | F                 | 11.38          | 2.62          | 1.58     | 71.42 |
| Gooch's Best 16 % Dairy Ration.....                                                    | G                 | 16.00          | 3.50          | 8.00     | 51.00 |
| 34-2-167 <sup>7</sup> .....                                                            | F                 | 14.50          | 3.33          | 5.63     | 57.85 |
| Jubilee Egg Mash.....                                                                  | G                 | 17.00          | 4.50          | 7.50     | 51.00 |
| 34-3-67 <sup>7</sup> .....                                                             | F                 | 17.13          | 5.13          | 5.44     | 53.26 |
| 34-3-153 <sup>17 8</sup> .....                                                         | F                 | 19.13          | 5.67          | 5.93     | 51.34 |
| <b>Good News Feed Stores, Inc., Kansas City, Mo.</b>                                   |                   |                |               |          |       |
| Good News Dairy Ration.....                                                            | G                 | 16.00          | 3.75          | 15.00    | 45.00 |
| 34-11-10.....                                                                          | F                 | 16.50          | 3.72          | 14.98    | 48.91 |
| Good News Laying Mash.....                                                             | G                 | 19.00          | 4.50          | 7.00     | 45.00 |
| 34-11-7.....                                                                           | F                 | 19.13          | 5.86          | 5.81     | 51.18 |
| Good News Pig and Hog Mash.....                                                        | G                 | 25.00          | 3.50          | 7.00     | 45.00 |
| 34-11-11.....                                                                          | F                 | 28.44          | 6.00          | 7.25     | 38.88 |
| Good News Poultry Fattener.....                                                        | G                 | 15.50          | 4.75          | 4.00     | 62.00 |
| 34-11-12.....                                                                          | F                 | 16.00          | 5.66          | 4.37     | 59.09 |
| Our Special Growing Mash.....                                                          | G                 | 12.00          | 3.50          | 3.75     | 65.00 |
| 34-11-8.....                                                                           | F                 | 12.81          | 5.33          | 4.50     | 61.90 |
| Our Special Laying Mash.....                                                           | G                 | 16.00          | 4.50          | 7.00     | 45.00 |
| 34-11-9.....                                                                           | F                 | 15.47          | 5.36          | 6.75     | 54.29 |
| <b>A. R. Graham Grain Co., Gallatin, Mo.</b>                                           |                   |                |               |          |       |
| Dairy Feed.....                                                                        | G                 | 10.41          | 4.62          | 5.30     | 65.15 |
| 34-9-49 <sup>4 5</sup> .....                                                           | F                 | 11.25          | 5.26          | 7.18     | 65.37 |
| Graham's Poultry Mash.....                                                             | G                 | 14.60          | 3.90          | 5.50     | 39.90 |
| 34-9-48 <sup>12</sup> .....                                                            | F                 | 14.63          | 4.50          | 3.89     | 53.77 |
| <b>Grain and Feed Sales Co., St. Louis, Mo.</b>                                        |                   |                |               |          |       |
| G. and F. Egg Mash.....                                                                | G                 | 18.00          | 4.00          | 10.00    | 50.00 |
| 34-9-152 <sup>8</sup> .....                                                            | F                 | 20.31          | 5.44          | 5.99     | 48.51 |
| <b>Grandview Feed Mills, Grandview, Mo.</b>                                            |                   |                |               |          |       |
| Bulky Dairy Feed.....                                                                  | G                 | 9.00           | 2.00          | 19.00    | 35.00 |
| 34-10-119 <sup>23</sup> .....                                                          | F                 | 10.19          | 2.90          | 13.99    | 56.20 |
| Higrade 16 % Dairy Feed.....                                                           | G                 | 16.00          | 3.00          | 10.00    | 53.00 |
| 34-10-120 <sup>8 14 23</sup> .....                                                     | F                 | 16.00          | 3.68          | 9.24     | 52.31 |
| Special 12 % Dairy Ration.....                                                         | G                 | 12.00          | 2.00          | 15.00    | 40.00 |
| 34-10-121 <sup>10</sup> .....                                                          | F                 | 14.00          | 4.34          | 10.99    | 52.57 |
| <b>Great Atlantic and Pacific Tea Co., New York, N. Y.</b>                             |                   |                |               |          |       |
| Daily Growth Fine Chick Feed.....                                                      | G                 | 10.00          | 3.00          | 5.00     | 54.00 |
| 34-8-68.....                                                                           | F                 | 12.69          | 4.41          | 1.95     | 70.92 |
| <b>Green Ridge Elevator Co., Green Ridge, Mo.</b>                                      |                   |                |               |          |       |
| More-Egg Laying Mash.....                                                              | G                 | 16.50          | 3.50          | 8.00     | 42.00 |
| 34-3-252 <sup>8</sup> .....                                                            | F                 | 22.13          | 5.65          | 4.78     | 49.56 |
| 34-10-157.....                                                                         | F                 | 17.94          | 4.88          | 4.90     | 53.68 |
| <b>Green and Tooley Mill and Elevator Co., Pattons-<br/>burg and Hamilton, Mo.</b>     |                   |                |               |          |       |
| Happy Hen Laying Mash.....                                                             | G                 | 16.00          | 4.50          | 6.50     | 53.50 |
| 34-9-53.....                                                                           | F                 | 18.63          | 5.29          | 7.78     | 52.78 |
| Missouri Formula Growing Mash.....                                                     | G                 | 17.00          | 3.50          | 6.00     | 46.00 |
| 34-7-67 <sup>2</sup> .....                                                             | F                 | 19.25          | 6.54          | 5.01     | 49.89 |
| Missouri Formula Laying Mash.....                                                      | G                 | 20.00          | 3.50          | 6.50     | 44.00 |
| 34-9-52 <sup>5 31</sup> .....                                                          | F                 | 23.69          | 6.13          | 4.23     | 50.67 |
| New Missouri Formula All-Mash Chick Starter.....                                       | G                 | 14.50          | 3.00          | 5.00     | 50.00 |
| 34-7-66 <sup>2</sup> .....                                                             | F                 | 16.56          | 6.01          | 3.92     | 57.98 |
| <b>Greenville Roller Mills Co., Greenville, Mo.</b>                                    |                   |                |               |          |       |
| Lee's Best Mixed Feed.....                                                             | G                 | 13.00          | 3.00          | 9.00     | 55.00 |
| 34-10-99.....                                                                          | F                 | 16.69          | 3.88          | 8.13     | 56.29 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key                  | Chemical Analyses |      |       |          |
|---------------------------------------------------------------------------------------------------------|-------------------|------|-------|----------|
|                                                                                                         | % Guaranteed (G)  | Fat  | Fiber | N. F. E. |
| <b>Griffith's Hatchery, Fulton, Mo.</b>                                                                 |                   |      |       |          |
| Missouri Formula Egg Mash.....                                                                          | G 19.00           | 4.00 | 5.75  | 46.50    |
| 34-1-179 <sup>8</sup> .....                                                                             | F 20.88           | 5.17 | 4.40  | 47.51    |
| 34-5-112 <sup>8</sup> .....                                                                             | F 20.19           | 5.59 | 5.22  | 48.43    |
| <b>Griffith and Morris, New Hartford, Mo.</b>                                                           |                   |      |       |          |
| Griffith and Morris Egg Mash.....                                                                       | G 16.00           | 4.00 | 9.00  | 45.00    |
| 34-8-62 <sup>7,8</sup> .....                                                                            | F 19.13           | 5.83 | 8.85  | 50.25    |
| <b>Grovespring Farmers Exchange, Grovespring, Mo.</b>                                                   |                   |      |       |          |
| Laying Mash.....                                                                                        | G 17.00           | 3.50 | 6.50  | 46.00    |
| 34-10-193 <sup>2</sup> .....                                                                            | F 18.25           | 5.55 | 5.60  | 49.12    |
| <b>Guinn Feed Store, Bollvar, Mo.</b>                                                                   |                   |      |       |          |
| Guinn's Dairy Feed.....                                                                                 | G 13.00           | 4.50 | 9.00  | 58.00    |
| 34-1-261.....                                                                                           | F 13.81           | 4.58 | 8.55  | 56.29    |
| 34-9-249.....                                                                                           | F 14.13           | 4.48 | 7.81  | 59.15    |
| Guinn's Economy Chick Mash.....                                                                         | G 15.00           | 4.50 | 6.50  | 53.00    |
| 34-9-248.....                                                                                           | F 17.31           | 5.79 | 6.28  | 54.66    |
| Guinn's Economy Laying Mash.....                                                                        | G 17.00           | 5.00 | 7.00  | 50.00    |
| 34-9-250.....                                                                                           | F 18.94           | 5.02 | 6.13  | 53.52    |
| Guinn's Laying Mash.....                                                                                | G 20.00           | 5.00 | 7.00  | 46.00    |
| 34-1-262.....                                                                                           | F 21.38           | 5.67 | 5.54  | 46.35    |
| <b>Guyette and Son, Tarkio, Mo.</b>                                                                     |                   |      |       |          |
| Guyette Corn Balancer.....                                                                              | G 42.00           | 4.50 | 5.00  | 10.00    |
| 34-5-148.....                                                                                           | F 45.38           | 7.79 | 3.12  | 14.46    |
| <b>Don S. Hague, Center, Mo.</b>                                                                        |                   |      |       |          |
| Gold Banner Cow Mix.....                                                                                | G 10.00           | 2.75 | 15.00 | 53.00    |
| 34-10-51 <sup>9</sup> .....                                                                             | F 12.13           | 3.24 | 14.43 | 54.38    |
| <b>Hales and Hunter Co., Chicago, Ill.</b>                                                              |                   |      |       |          |
| Red Comb Balancer with Dried Buttermilk.....                                                            | G 26.00           | 4.00 | 8.00  | 35.00    |
| 34-9-42 <sup>12</sup> .....                                                                             | F 27.25           | 7.05 | 6.93  | 33.56    |
| Red Comb Egg Mash.....                                                                                  | G 16.00           | 4.00 | 7.00  | 49.00    |
| 34-10-65.....                                                                                           | F 17.69           | 5.13 | 5.96  | 54.73    |
| Red Comb Egg Mash with Dried Buttermilk.....                                                            | G 18.00           | 4.00 | 7.00  | 49.00    |
| 34-9-41 <sup>12</sup> .....                                                                             | F 18.81           | 6.21 | 5.78  | 52.66    |
| 34-10-15 <sup>12</sup> .....                                                                            | F 20.44           | 5.42 | 5.12  | 51.07    |
| Red Comb Growing Mash.....                                                                              | G 16.00           | 4.00 | 7.00  | 50.00    |
| 34-10-16 <sup>12</sup> .....                                                                            | F 17.13           | 4.58 | 5.59  | 56.44    |
| Red Comb Universal with Dried Buttermilk.....                                                           | G 18.00           | 4.00 | 7.00  | 49.00    |
| 34-1-264 <sup>8</sup> .....                                                                             | F 20.25           | 6.07 | 4.95  | 49.61    |
| <b>Hall Milling Co., St. Louis, Mo.</b>                                                                 |                   |      |       |          |
| Rex Wheat Middlings, Gray Wheat Shorts with<br>Ground Wheat Screenings, not Exceeding Mill-<br>run..... | G 16.00           | 4.00 | 6.00  | 50.00    |
| 34-11-230 <sup>7</sup> .....                                                                            | F 16.63           | 4.09 | 5.07  | 57.96    |
| 34-12-127.....                                                                                          | F 17.00           | 4.51 | 5.70  | 57.75    |
| <b>Hannibal Flour, Feed and Seed Co., Hannibal, Mo.</b>                                                 |                   |      |       |          |
| Mississippi Valley Chick Mash.....                                                                      | G 15.00           | 3.00 | 9.00  | 55.00    |
| 34-4-206 <sup>12</sup> .....                                                                            | F 17.63           | 4.65 | 4.59  | 49.46    |
| Mississippi Valley Egg Mash.....                                                                        | G 17.00           | 3.00 | 9.00  | 55.00    |
| 34-4-207 <sup>12</sup> .....                                                                            | F 18.00           | 5.07 | 4.92  | 53.79    |
| 34-8-78.....                                                                                            | F 18.63           | 5.33 | 5.85  | 46.76    |
| <b>Hamacher Grain and Produce Co., Richmond, Mo.</b>                                                    |                   |      |       |          |
| Missouri Formula Laying Mash.....                                                                       | G 20.00           | 3.50 | 6.50  | 44.00    |
| 34-3-126 <sup>7</sup> .....                                                                             | F 17.94           | 4.60 | 3.92  | 55.38    |
| 34-12-63 <sup>4,5,14,20,31</sup> .....                                                                  | F 17.56           | 4.35 | 4.04  | 55.94    |
| <b>Harmony Feeds, Clinton, Mo.</b>                                                                      |                   |      |       |          |
| Harmony Egg Mash.....                                                                                   | G 20.00           | 4.00 | 7.00  | 48.00    |
| 34-9-136 <sup>4,5,8,10</sup> .....                                                                      | F 20.38           | 5.68 | 3.63  | 51.72    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |      |       |       |    |
|----------------------------------------------------------------------------------------|--------------------------------|------|-------|-------|----|
|                                                                                        | % Guaranteed (G) and Found (F) |      |       |       |    |
|                                                                                        | Protein                        | Fat  | Fiber | N. F. | E. |
| Harmony General Egg Mash.....                                                          | G 16.00                        | 4.00 | 7.00  | 52.00 |    |
| 34-9-134 <sup>4,5,8</sup> .....                                                        | F 15.83                        | 4.60 | 6.19  | 57.10 |    |
| Missouri Formula Egg Mash.....                                                         | G 19.00                        | 4.00 | 6.00  | 50.00 |    |
| 34-9-135 <sup>4,5</sup> .....                                                          | F 18.75                        | 5.06 | 5.39  | 53.97 |    |
| <b>T. A. Hauschel, Chicago, Ill.</b>                                                   |                                |      |       |       |    |
| Milk Maid and Cow Brand Brewers Dried Grains....                                       | G 21.00                        | 5.50 | 18.00 | 41.00 |    |
| 34-1-235 <sup>4,5,10</sup> .....                                                       | F 24.25                        | 6.76 | 17.31 | 39.43 |    |
| 34-7-65 <sup>3,4,5,6,9</sup> .....                                                     | F 27.19                        | 7.54 | 15.93 | 37.83 |    |
| 34-9-73 <sup>4,5</sup> .....                                                           | F 23.38                        | 6.84 | 17.17 | 41.15 |    |
| <b>Hawkins Bros. Milling Co., Ozark, Mo.</b>                                           |                                |      |       |       |    |
| Baby Chick Scratch Feed.....                                                           | G 10.50                        | 3.75 | 2.50  | 70.00 |    |
| 34-6-51.....                                                                           | F 10.94                        | 3.99 | 1.85  | 71.95 |    |
| Chick Starter Feed.....                                                                | G 18.10                        | 4.40 | 4.20  | 50.62 |    |
| 34-6-50 <sup>4,5,8,9,10</sup> .....                                                    | F 15.75                        | 3.63 | 5.44  | 57.72 |    |
| Corn Chops.....                                                                        | G 9.00                         | 3.50 | 3.50  | 65.00 |    |
| 34-6-52 <sup>9</sup> .....                                                             | F 9.44                         | 4.06 | 1.67  | 72.78 |    |
| Gray Wheat Shorts.....                                                                 | G 16.00                        | 3.50 | 6.00  | 55.00 |    |
| 34-6-55.....                                                                           | F 16.75                        | 3.54 | 4.73  | 59.15 |    |
| H. B. Growing Mash.....                                                                | G 16.01                        | 4.90 | 3.10  | 55.29 |    |
| 34-6-56 <sup>2</sup> .....                                                             | F 15.85                        | 5.34 | 5.34  | 54.56 |    |
| H. B. Laying Mash.....                                                                 | G 16.27                        | 3.85 | 6.50  | 53.50 |    |
| 34-6-54 <sup>8</sup> .....                                                             | F 18.44                        | 4.52 | 6.46  | 51.31 |    |
| Jersey Cream Mixed Feed.....                                                           | G 14.00                        | 2.65 | 9.65  | 56.50 |    |
| 34-6-53.....                                                                           | F 14.31                        | 3.67 | 7.12  | 59.60 |    |
| <b>Heflin and Company, Sherman, Texas</b>                                              |                                |      |       |       |    |
| Heflin Brand Cottonseed Meal.....                                                      | G 43.00                        | 5.00 | 12.00 | 23.00 |    |
| 34-3-86 <sup>1</sup> .....                                                             | F 43.06                        | 8.69 | 8.57  | 26.09 |    |
| <b>H. Heinrichsmeyer Feed Co., St. Louis, Mo.</b>                                      |                                |      |       |       |    |
| H. H. 16 % Dairy Feed.....                                                             | G 16.00                        | 3.00 | 13.00 | 47.00 |    |
| 34-7-84 <sup>4,5</sup> .....                                                           | F 19.88                        | 4.08 | 11.36 | 47.18 |    |
| H. H. Chick Feed.....                                                                  | G 10.50                        | 2.25 | 2.00  | 72.00 |    |
| 34-7-71 <sup>8</sup> .....                                                             | F 10.44                        | 3.25 | 1.57  | 71.73 |    |
| H. H. Chick Mash with Manamar.....                                                     | G 18.00                        | 4.00 | 5.50  | 50.00 |    |
| 34-6-100 <sup>4,5</sup> .....                                                          | F 19.11                        | 4.75 | 4.75  | 54.48 |    |
| H. H. Chick Mash Supplement with Manamar.....                                          | G 36.00                        | 5.00 | 5.50  | 22.00 |    |
| 34-7-79 <sup>4,5</sup> .....                                                           | F 36.00                        | 5.72 | 5.09  | 25.23 |    |
| H. H. Corn Feed Meal.....                                                              | G 7.50                         | 3.00 | 3.00  | 67.00 |    |
| 34-7-73 <sup>4,5,9</sup> .....                                                         | F 9.44                         | 4.17 | 2.96  | 70.49 |    |
| 34-12-3 <sup>4,5</sup> .....                                                           | F 10.25                        | 5.00 | 1.78  | 72.99 |    |
| H. H. Developing Mash with Buttermilk.....                                             | G 17.00                        | 5.00 | 5.50  | 50.00 |    |
| 34-7-74 <sup>4,5</sup> .....                                                           | F 19.38                        | 5.71 | 4.72  | 49.72 |    |
| H. H. Developing Mash with Manamar.....                                                | G 18.00                        | 4.00 | 6.50  | 48.00 |    |
| 34-6-99 <sup>4,5</sup> .....                                                           | F 19.38                        | 5.11 | 4.75  | 52.39 |    |
| 34-12-2 <sup>4,5</sup> .....                                                           | F 19.81                        | 6.19 | 4.77  | 50.87 |    |
| H. H. Lay Mash.....                                                                    | G 18.00                        | 3.25 | 7.50  | 49.00 |    |
| 34-6-103 <sup>4,5</sup> .....                                                          | F 18.63                        | 4.31 | 6.36  | 52.20 |    |
| 34-12-4.....                                                                           | F 18.81                        | 4.95 | 6.04  | 48.93 |    |
| H. H. Laying Mash with Manamar.....                                                    | G 20.00                        | 4.25 | 6.50  | 47.00 |    |
| 34-7-80 <sup>4,5</sup> .....                                                           | F 20.94                        | 5.25 | 6.39  | 48.60 |    |
| H. H. Pigeon Feed.....                                                                 | G 13.00                        | 2.00 | 2.75  | 66.00 |    |
| 34-7-72.....                                                                           | F 13.06                        | 2.97 | 2.53  | 68.26 |    |
| H. H. Poultry Mash.....                                                                | G 20.75                        | 5.00 | 8.75  | 44.00 |    |
| 34-7-76 <sup>4,5</sup> .....                                                           | F 22.38                        | 5.77 | 7.88  | 43.08 |    |
| H. H. Sifted Cracked Corn.....                                                         | G 8.00                         | 3.65 | 1.70  | 70.50 |    |
| 34-11-220.....                                                                         | F 9.25                         | 4.07 | 1.64  | 70.73 |    |
| H. H. Special Dairy Feed.....                                                          | G 9.00                         | 2.00 | 17.00 | 50.00 |    |
| 34-11-54.....                                                                          | F 10.31                        | 2.81 | 16.54 | 50.57 |    |
| 34-12-5.....                                                                           | F 11.13                        | 2.84 | 15.73 | 51.46 |    |
| H. H. Starting Mash with Buttermilk.....                                               | G 18.50                        | 4.50 | 4.25  | 53.00 |    |
| 34-7-75 <sup>4,5</sup> .....                                                           | F 20.50                        | 4.91 | 3.23  | 54.79 |    |
| H. H. Station Fattener with Manamar.....                                               | G 13.50                        | 5.00 | 5.50  | 55.50 |    |
| 34-7-77 <sup>4,5</sup> .....                                                           | F 15.88                        | 5.13 | 3.69  | 61.44 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |      |       |          |  |
|----------------------------------------------------------------------------------------|--------------------------------|------|-------|----------|--|
|                                                                                        | % Guaranteed (G) and Found (F) |      |       |          |  |
|                                                                                        | Protein                        | Fat  | Fiber | N. F. E. |  |
| H. H. Turkey Starter with Manamar. . . . .                                             | G 23.00                        | 6.00 | 5.50  | 43.00    |  |
| 34-6-101 <sup>1</sup> . . . . .                                                        | F 23.50                        | 5.21 | 4.89  | 47.86    |  |
| Seckona Fattening Mash. . . . .                                                        | G 13.00                        | 4.50 | 6.00  | 54.00    |  |
| 34-7-83 <sup>4,5</sup> . . . . .                                                       | F 17.56                        | 4.71 | 4.56  | 59.15    |  |
| Seckona Hen Feed. . . . .                                                              | G 9.00                         | 3.25 | 2.75  | 70.00    |  |
| 34-7-70. . . . .                                                                       | F 14.75                        | 3.95 | 2.17  | 66.10    |  |
| <b>Helena Cotton Oil Mill, Helena, Ark.</b>                                            |                                |      |       |          |  |
| Blanco Brand Cottonseed Meal, 41 %. . . . .                                            | G 41.00                        | 5.00 | 11.00 | 26.00    |  |
| 34-1-183. . . . .                                                                      | F 41.25                        | 6.67 | 10.35 | 27.64    |  |
| 41 % Protein Cottonseed Meal. . . . .                                                  | G 41.00                        | 5.00 | 11.00 | 26.00    |  |
| 34-12-32. . . . .                                                                      | F 40.19                        | 7.24 | 10.87 | 27.36    |  |
| <b>Henderson Produce Co., Chillicothe, Mo.</b>                                         |                                |      |       |          |  |
| Henderson's Uwanta Chick Grains. . . . .                                               | G 10.00                        | 2.50 | 5.00  | 65.00    |  |
| 34-3-230. . . . .                                                                      | F 11.88                        | 3.23 | 1.78  | 69.05    |  |
| 34-8-64. . . . .                                                                       | F 10.75                        | 3.28 | 1.65  | 74.61    |  |
| Henderson's Uwanta Chick Mash (with Vymo). . . . .                                     | G 17.00                        | 4.00 | 6.00  | 48.00    |  |
| 34-3-229 <sup>1,8,10</sup> . . . . .                                                   | F 20.00                        | 5.31 | 5.38  | 49.53    |  |
| Henderson's 16 % Uwanta Dairy. . . . .                                                 | G 16.00                        | 4.00 | 8.00  | 52.00    |  |
| 34-10-152 <sup>8</sup> . . . . .                                                       | F 16.88                        | 5.63 | 6.90  | 54.70    |  |
| Henderson's Uwanta Egg Mash (with Vymo). . . . .                                       | G 17.00                        | 4.50 | 6.00  | 53.00    |  |
| 34-3-232 <sup>7,8</sup> . . . . .                                                      | F 17.50                        | 4.90 | 6.08  | 52.66    |  |
| Henderson's Uwanta Growing Grains. . . . .                                             | G 10.00                        | 2.50 | 5.00  | 60.00    |  |
| 34-8-63 <sup>7,12</sup> . . . . .                                                      | F 10.13                        | 4.27 | 2.18  | 72.68    |  |
| Henderson's Vigorine Chick Mash. . . . .                                               | G 15.00                        | 4.00 | 7.00  | 55.00    |  |
| 34-3-228 <sup>8</sup> . . . . .                                                        | F 16.19                        | 4.67 | 5.51  | 53.23    |  |
| Henderson's Vigorine Egg Mash. . . . .                                                 | G 18.00                        | 4.00 | 7.50  | 48.00    |  |
| 34-10-151. . . . .                                                                     | F 16.81                        | 5.09 | 6.25  | 53.73    |  |
| Missouri Formula Chick Mash. . . . .                                                   | G 15.00                        | 4.50 | 4.50  | 53.00    |  |
| 34-3-231 <sup>7</sup> . . . . .                                                        | F 16.69                        | 5.28 | 3.90  | 55.06    |  |
| Missouri Formula Egg Mash. . . . .                                                     | G 20.00                        | 4.50 | 6.00  | 44.00    |  |
| 34-9-176 <sup>9</sup> . . . . .                                                        | F 21.69                        | 6.40 | 5.73  | 49.82    |  |
| 34-10-153. . . . .                                                                     | F 21.44                        | 6.04 | 4.62  | 47.75    |  |
| <b>Higginsville Flour Mill, Higginsville, Mo.</b>                                      |                                |      |       |          |  |
| Mixed Feed. . . . .                                                                    | G 15.00                        | 3.00 | 8.20  | 51.00    |  |
| 34-10-102 <sup>4,5</sup> . . . . .                                                     | F 16.13                        | 4.73 | 8.57  | 53.66    |  |
| 34-11-176 <sup>4,5</sup> . . . . .                                                     | F 16.00                        | 4.61 | 7.86  | 54.04    |  |
| Wheat Bran. . . . .                                                                    | G 14.00                        | 3.50 | 11.00 | 50.00    |  |
| 34-11-32 <sup>4,5,8</sup> . . . . .                                                    | F 15.81                        | 4.55 | 10.56 | 50.27    |  |
| 34-11-158 <sup>4,5,8</sup> . . . . .                                                   | F 15.69                        | 5.14 | 9.32  | 52.86    |  |
| Wheat Gray Shorts and Wheat Screenings. . . . .                                        | G 16.00                        | 3.50 | 5.50  | 52.00    |  |
| 34-3-7 <sup>4,5,13,14</sup> . . . . .                                                  | F 16.81                        | 5.52 | 5.79  | 55.07    |  |
| 34-10-101 <sup>4,5</sup> . . . . .                                                     | F 17.69                        | 4.57 | 6.88  | 55.08    |  |
| 34-11-31 <sup>4,5</sup> . . . . .                                                      | F 17.56                        | 4.48 | 6.56  | 54.95    |  |
| 34-11-157 <sup>4,5</sup> . . . . .                                                     | F 17.31                        | 4.62 | 6.38  | 55.28    |  |
| <b>J. K. Hill, Nevada, Mo.</b>                                                         |                                |      |       |          |  |
| Osage Dairy. . . . .                                                                   | G 16.00                        | 5.00 | 9.00  | 50.00    |  |
| 34-11-105. . . . .                                                                     | F 15.25                        | 4.51 | 9.26  | 55.27    |  |
| Osage Laying Mash. . . . .                                                             | G 18.00                        | 3.50 | 7.00  | 50.00    |  |
| 34-11-104 <sup>8</sup> . . . . .                                                       | F 17.50                        | 4.98 | 6.53  | 53.66    |  |
| <b>Hirst and Bagley Linseed Works, Chicago, Ill.</b>                                   |                                |      |       |          |  |
| Pure Old Process Linseed Meal. . . . .                                                 | G 37.00                        | 5.00 | 9.00  | 35.00    |  |
| 34-8-60. . . . .                                                                       | F 41.38                        | 8.00 | 7.01  | 31.21    |  |
| <b>Hirter Bros. Milling Co., St. Joseph, Mo.</b>                                       |                                |      |       |          |  |
| The New Missouri Formula All-Mash Chick Starter. . . . .                               | G 14.50                        | 3.00 | 5.00  | 50.00    |  |
| 34-5-43 <sup>7</sup> . . . . .                                                         | F 17.00                        | 6.52 | 3.42  | 55.13    |  |
| The New Missouri Formula Growing Mash. . . . .                                         | G 17.00                        | 3.50 | 6.00  | 43.00    |  |
| 34-5-42 <sup>7</sup> . . . . .                                                         | F 19.75                        | 5.85 | 4.80  | 48.62    |  |
| The New Missouri Formula Laying Mash. . . . .                                          | G 18.00                        | 4.00 | 6.00  | 44.00    |  |
| 34-1-233 <sup>7</sup> . . . . .                                                        | F 21.81                        | 6.31 | 5.40  | 45.93    |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |       |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|-------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |       |
|                                                                                        | Protein           | Fat            | Fiber         | N. F. | E     |
| <b>Holden Milling and Elev. Co., Holden, Mo.</b>                                       |                   |                |               |       |       |
| Gray Wheat Shorts and Wheat Screenings, not Exceeding 2 %                              | G                 | 16.00          | 3.50          | 6.00  | 49 50 |
| 34-8-212 <sup>23</sup>                                                                 | F                 | 17.75          | 4.56          | 5.22  | 57.23 |
| 34-10-251 <sup>23,31</sup>                                                             | F                 | 16.69          | 5.05          | 5.81  | 56.80 |
| Missouri Maid Mixed Feed                                                               | G                 | 15.00          | 3.50          | 8.50  | 44.00 |
| 34-11-2                                                                                | F                 | 16.69          | 4.54          | 8.30  | 55.76 |
| Pure Wheat Bran                                                                        | G                 | 14.50          | 3.50          | 11.00 | 40.00 |
| 34-10-252 <sup>3,23</sup>                                                              | F                 | 16.69          | 4.35          | 9.98  | 52.37 |
| <b>Hopkins Produce Co., Mountain Grove, Mo.</b>                                        |                   |                |               |       |       |
| Hopkins Dairy Feed                                                                     | G                 | 15.00          | 3.50          | 8.50  | 40.00 |
| 34-10-202 <sup>2</sup>                                                                 | F                 | 19.88          | 6.40          | 7.50  | 50.24 |
| Hopkins Laying Mash                                                                    | G                 | 18.00          | 4.50          | 11.00 | 48.00 |
| 34-10-201 <sup>2</sup>                                                                 | F                 | 18.13          | 5.95          | 7.75  | 50.57 |
| Just Right All-Mash Chick Starter                                                      | G                 | 15.00          | 3.00          | 4.00  | 61.00 |
| 34-9-54 <sup>4,5,9</sup>                                                               | F                 | 17.94          | 5.02          | 4.89  | 57.27 |
| <b>Hughes Milling Co., Salem, Mo.</b>                                                  |                   |                |               |       |       |
| Hillside Dairy Feed                                                                    | G                 | 17.50          | 4.50          | 6.50  | 56.00 |
| 34-1-140                                                                               | F                 | 17.94          | 4.57          | 6.58  | 56.15 |
| 34-5-14                                                                                | F                 | 17.81          | 4.71          | 5.72  | 54.30 |
| Hughes Favorite Lay Mash                                                               | G                 | 16.50          | 4.50          | 6.50  | 53.00 |
| 34-1-139                                                                               | F                 | 17.44          | 5.01          | 5.58  | 53.17 |
| 34-5-13                                                                                | F                 | 18.88          | 5.28          | 5.33  | 51.32 |
| <b>Hulston's Roller Mills, Everton, Mo.</b>                                            |                   |                |               |       |       |
| Pure Soft Wheat Bran                                                                   | G                 | 14.50          | 3.50          | 11.00 | 47.00 |
| 34-5-120                                                                               | F                 | 16.00          | 4.40          | 9.74  | 53.98 |
| Pure Soft Wheat Gray Shorts                                                            | G                 | 16.00          | 3.50          | 6.50  | 55.00 |
| 34-5-121                                                                               | F                 | 16.50          | 4.75          | 3.38  | 61.65 |
| <b>Humphrey's Godwin Co., Memphis, Tenn.</b>                                           |                   |                |               |       |       |
| Bull Brand 43 % Protein Prime Cottonseed Meal                                          | G                 | 43.00          | 5.00          | 11.00 | 26.00 |
| 34-1-5 <sup>4,5</sup>                                                                  | F                 | 42.53          | 9.51          | 8.19  | 26.40 |
| 34-2-181 <sup>4,5</sup>                                                                | F                 | 43.31          | 7.75          | 8.99  | 25.49 |
| 34-3-137 <sup>4,5</sup>                                                                | F                 | 43.07          | 7.74          | 7.08  | 27.16 |
| Dixie Brand Prime 41 % Protein Cottonseed Meal                                         | G                 | 41.00          | 5.00          | 12.00 | 26.00 |
| 34-3-166 <sup>1,6</sup>                                                                | F                 | 42.19          | 6.83          | 8.54  | 27.21 |
| 34-9-172                                                                               | F                 | 40.13          | 7.74          | 10.56 | 27.56 |
| 34-9-221 <sup>18</sup>                                                                 | F                 | 41.69          | 7.86          | 9.77  | 27.06 |
| <b>The Hungarian Flour Mills, Denver, Colo.</b>                                        |                   |                |               |       |       |
| White Middlings                                                                        | G                 | 14.50          | 3.25          | 3.50  | 56.00 |
| 34-1-23                                                                                | F                 | 17.94          | 2.28          | 0.65  | 65.69 |
| White Wheat Mixed Feed and Wheat Screenings                                            | G                 | 14.50          | 3.00          | 8.50  | 53.00 |
| 34-8-150 <sup>7</sup>                                                                  | F                 | 16.88          | 3.45          | 7.99  | 57.07 |
| <b>Hunter Packing Co., East St. Louis, Ill.</b>                                        |                   |                |               |       |       |
| Hunter Digester Tankage                                                                | G                 | 60.00          | 6.00          | 3.00  | 0.00  |
| 34-8-73                                                                                | F                 | 66.38          | 7.62          | 0.82  | 0.00  |
| 34-11-249                                                                              | F                 | 61.13          | 7.58          | 0.76  | 0.00  |
| <b>Hurley Farmers Exchange, Hurley, Mo.</b>                                            |                   |                |               |       |       |
| Farmers Special Laying Mash                                                            | G                 | 18.00          | 3.50          | 7.00  | 48.00 |
| 34-6-60 <sup>8,10,12,25</sup>                                                          | F                 | 13.72          | 3.54          | 5.97  | 60.62 |
| <b>J. B. Hutchlson, Independence, Mo.</b>                                              |                   |                |               |       |       |
| Quality Laying Mash                                                                    | G                 | 16.00          | 4.00          | 8.00  | 55.00 |
| 34-1-212 <sup>9</sup>                                                                  | F                 | 17.19          | 5.16          | 4.95  | 53.34 |
| Quality Scratch Feed                                                                   | G                 | 10.00          | 2.50          | 4.00  | 65.00 |
| 34-1-213                                                                               | F                 | 10.69          | 3.11          | 1.94  | 69.66 |
| <b>Ibach Milling Co., Stockton, Mo.</b>                                                |                   |                |               |       |       |
| Wheat Mixed Feed                                                                       | G                 | 14.00          | 3.00          | 7.76  | 50.00 |
| 34-9-225 <sup>10,23</sup>                                                              | F                 | 16.00          | 4.41          | 7.76  | 55.16 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |          |  |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|----------|--|
|                                                                                        | Protein                                             | Fat  | Fiber | N. F. E. |  |
| <b>Iberla Milling Co., Iberla, Mo.</b>                                                 |                                                     |      |       |          |  |
| Wheat Mixed Feed.....                                                                  | G 15.00                                             | 3.25 | 8.50  | 54.00    |  |
| 34-4-196.....                                                                          | F 17.19                                             | 4.76 | 8.56  | 53.14    |  |
| 34-12-134 <sup>9</sup> .....                                                           | F 17.06                                             | 3.68 | 7.64  | 55.79    |  |
| <b>Imperial Mill Co., Clarksville, Mo.</b>                                             |                                                     |      |       |          |  |
| Corn Bran.....                                                                         | G 9.50                                              | 4.00 | 12.00 | 58.00    |  |
| 34-11-168 <sup>4,5,35</sup> .....                                                      | F 11.06                                             | 7.05 | 4.56  | 63.33    |  |
| Imperial Laying Mash.....                                                              | G 18.00                                             | 4.50 | 6.00  | 50.07    |  |
| 34-2-174.....                                                                          | F 18.31                                             | 5.91 | 4.07  | 50.80    |  |
| 34-8-191.....                                                                          | F 19.13                                             | 6.22 | 4.21  | 52.00    |  |
| <b>International Milling Co., Minneapolis, Minn.</b>                                   |                                                     |      |       |          |  |
| Blackhawk Pure Wheat Bran.....                                                         | G 15.00                                             | 3.20 | 12.00 | 50.00    |  |
| 34-6-67.....                                                                           | F 17.06                                             | 4.23 | 9.61  | 50.84    |  |
| <b>International Sugar Feed Co., Minneapolis, Minn.</b>                                |                                                     |      |       |          |  |
| International Community Dairy Feed.....                                                | G 12.00                                             | 3.50 | 14.00 | 46.00    |  |
| 34-4-131 <sup>9</sup> .....                                                            | F 12.88                                             | 4.18 | 11.68 | 50.78    |  |
| International Planters Cattle Feed.....                                                | G 18.00                                             | 3.00 | 20.00 | 44.00    |  |
| 34-4-130.....                                                                          | F 19.06                                             | 2.90 | 24.55 | 38.53    |  |
| International Special Dairy Feed.....                                                  | G 15.00                                             | 4.50 | 12.00 | 47.00    |  |
| 34-4-129.....                                                                          | F 14.81                                             | 4.45 | 11.17 | 50.53    |  |
| International Sugared Hog Feed.....                                                    | G 23.00                                             | 5.00 | 6.00  | 45.00    |  |
| 34-4-128.....                                                                          | F 29.75                                             | 5.30 | 6.40  | 37.07    |  |
| <b>Ismert Hincke Milling Co., Kansas City, Mo.</b>                                     |                                                     |      |       |          |  |
| A. B. C. Wheat Feed and Wheat Screenings.....                                          | G 16.00                                             | 3.50 | 6.50  | 54.00    |  |
| 34-2-117.....                                                                          | F 17.50                                             | 4.29 | 5.72  | 54.79    |  |
| Gray Wheat Shorts and Wheat Screenings.....                                            | G 16.00                                             | 3.50 | 6.00  | 54.00    |  |
| 34-1-128.....                                                                          | F 17.94                                             | 4.24 | 6.27  | 56.94    |  |
| Pure Wheat Bran.....                                                                   | G 16.00                                             | 3.50 | 11.00 | 47.00    |  |
| 34-1-129.....                                                                          | F 16.81                                             | 3.63 | 10.14 | 52.21    |  |
| <b>Jacksonville Mill, Jacksonville, Mo.</b>                                            |                                                     |      |       |          |  |
| Laying Mash.....                                                                       | G 21.20                                             | 4.89 | 5.66  | 46.90    |  |
| 34-12-76 <sup>9</sup> .....                                                            | F 20.31                                             | 6.52 | 5.31  | 47.91    |  |
| <b>Jefferson City Produce Co., Jefferson City, Mo.</b>                                 |                                                     |      |       |          |  |
| Our Make 16 % Dairy Feed.....                                                          | G 16.00                                             | 2.50 | 8.30  | 35.00    |  |
| 34-5-3 <sup>8</sup> .....                                                              | F 14.71                                             | 2.87 | 10.72 | 45.93    |  |
| Our Make 34 % Dairy Feed.....                                                          | G 34.00                                             | 3.50 | 8.50  | 35.00    |  |
| 34-5-2.....                                                                            | F 34.22                                             | 3.36 | 5.34  | 39.51    |  |
| Our Make Egg Mash with Manamar.....                                                    | G 19.00                                             | 4.50 | 7.50  | 47.00    |  |
| 34-4-203.....                                                                          | F 21.19                                             | 4.94 | 4.94  | 50.27    |  |
| Our Make Starting Mash with Manamar.....                                               | G 18.00                                             | 4.00 | 5.50  | 50.00    |  |
| 34-4-205 <sup>10</sup> .....                                                           | F 18.50                                             | 4.82 | 4.22  | 52.78    |  |
| Our Make Starting Mash with Ultra-Life.....                                            | G 17.00                                             | 4.50 | 5.50  | 45.00    |  |
| 34-4-204 <sup>8</sup> .....                                                            | F 18.19                                             | 5.46 | 4.09  | 53.99    |  |
| <b>Johnson Feed and Produce Exchange, Brunswick, Mo.</b>                               |                                                     |      |       |          |  |
| Farmers Laying Mash.....                                                               | G 16.00                                             | 3.50 | 6.50  | 45.00    |  |
| 34-9-179.....                                                                          | F 18.44                                             | 4.84 | 4.99  | 53.75    |  |
| Johnson's Best Dairy Feed.....                                                         | G 16.00                                             | 3.50 | 11.00 | 48.00    |  |
| 34-9-182.....                                                                          | F 15.81                                             | 4.72 | 6.06  | 55.98    |  |
| Johnson's Best Laying Mash.....                                                        | G 18.00                                             | 4.50 | 6.00  | 50.00    |  |
| 34-9-180.....                                                                          | F 21.81                                             | 5.91 | 4.54  | 48.33    |  |
| Johnson's Best Scratch Feed.....                                                       | G 9.00                                              | 2.50 | 3.50  | 60.00    |  |
| 34-9-181.....                                                                          | F 11.63                                             | 3.74 | 2.65  | 71.16    |  |
| <b>Roy Jones, Mill Feed and Produce, Clever, Mo.</b>                                   |                                                     |      |       |          |  |
| Jones Special Laying Mash.....                                                         | G 16.93                                             | 4.68 | 16.53 | 54.06    |  |
| 34-6-48 <sup>8</sup> .....                                                             | F 17.19                                             | 5.43 | 7.61  | 52.93    |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |         |      |       |          |
|----------------------------------------------------------------------------------------|--------------------------------|---------|------|-------|----------|
|                                                                                        | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber | N. F. E. |
| <b>Kansas Flour Mills Corp., Kansas City, Mo.</b>                                      |                                |         |      |       |          |
| Big Flake Pure Wheat Bran.....                                                         | G                              | 15.00   | 3.50 | 11.00 | 49.00    |
| 34-2-90.....                                                                           | F                              | 16.88   | 3.70 | 8.95  | 50.09    |
| 34-7-35 <sup>23</sup> .....                                                            | F                              | 17.31   | 3.88 | 10.10 | 50.99    |
| Gray Wheat Shorts and Wheat Screenings, not Ex-<br>ceeding Millrun or 8 %.....         | G                              | 16.00   | 3.50 | 6.00  | 55.00    |
| 34-7-36.....                                                                           | F                              | 19.31   | 4.30 | 6.10  | 53.27    |
| Wheat Mixed Feed and Wheat Screenings.....                                             | G                              | 16.00   | 3.50 | 8.50  | 52.00    |
| 34-1-242.....                                                                          | F                              | 17.50   | 4.76 | 7.06  | 53.35    |
| <b>Kansas Milling Co., Wichita, Kan.</b>                                               |                                |         |      |       |          |
| Wheat Bran and Mill-Run Wheat Screenings.....                                          | G                              | 15.50   | 3.50 | 11.00 | 47.00    |
| 34-1-248.....                                                                          | F                              | 15.81   | 4.24 | 10.15 | 50.69    |
| 34-3-75 <sup>1</sup> .....                                                             | F                              | 15.00   | 4.82 | 9.69  | 51.31    |
| Wheat Gray Shorts and Mill-Run Wheat Screenings..                                      | G                              | 17.00   | 3.50 | 6.00  | 55.00    |
| 34-1-218.....                                                                          | F                              | 19.50   | 5.06 | 5.06  | 53.88    |
| 34-3-76 <sup>1,13</sup> .....                                                          | F                              | 17.75   | 4.97 | 6.00  | 54.11    |
| 34-8-124.....                                                                          | F                              | 19.81   | 4.84 | 6.84  | 52.64    |
| 34-12-67.....                                                                          | F                              | 17.13   | 4.22 | 6.28  | 54.64    |
| <b>Karrenbrock Milling Co., Wentzville, Mo.</b>                                        |                                |         |      |       |          |
| Missouri Laying Mash.....                                                              | G                              | 18.73   | 4.85 | 7.47  | 53.47    |
| 34-10-50.....                                                                          | F                              | 18.75   | 5.85 | 5.46  | 52.43    |
| <b>Kellogg, Spencer and Sons, Inc., Buffalo, N. Y.</b>                                 |                                |         |      |       |          |
| Diamond K. Linseed Meal with Flaxseed Screenings                                       |                                |         |      |       |          |
| Oil Feed, 30 % Protein.....                                                            | G                              | 30.00   | 4.50 | 10.00 | 37.00    |
| 34-3-151.....                                                                          | F                              | 31.06   | 6.47 | 9.59  | 36.81    |
| 34-7-57.....                                                                           | F                              | 34.25   | 5.61 | 9.19  | 35.65    |
| 34-4-211.....                                                                          | F                              | 30.75   | 7.03 | 10.67 | 35.39    |
| Kellogg's 37 % Protein Pure Old Process Linseed Meal                                   | G                              | 37.00   | 4.50 | 9.00  | 32.00    |
| 34-1-26.....                                                                           | F                              | 41.94   | 5.51 | 7.20  | 30.81    |
| 34-3-69 <sup>9</sup> .....                                                             | F                              | 41.06   | 5.45 | 7.01  | 31.39    |
| 34-3-77 <sup>9</sup> .....                                                             | F                              | 40.06   | 5.79 | 7.96  | 32.18    |
| 34-4-155 <sup>9</sup> .....                                                            | F                              | 41.31   | 4.87 | 7.61  | 31.71    |
| 34-10-208.....                                                                         | F                              | 42.69   | 5.41 | 6.37  | 30.31    |
| <b>William Kelly Milling Co., Hutchinson, Kan.</b>                                     |                                |         |      |       |          |
| Wheat Bran and Screenings.....                                                         | G                              | 15.00   | 3.50 | 11.00 | 47.00    |
| 34-1-25.....                                                                           | F                              | 17.19   | 3.76 | 9.79  | 49.69    |
| 34-8-123.....                                                                          | F                              | 18.50   | 3.72 | 9.08  | 52.10    |
| 34-11-112 <sup>23</sup> .....                                                          | F                              | 17.88   | 3.92 | 10.48 | 51.15    |
| Wheat Gray Shorts.....                                                                 | G                              | 17.00   | 4.00 | 5.50  | 57.00    |
| 34-1-24.....                                                                           | F                              | 17.81   | 4.26 | 4.71  | 56.33    |
| 34-11-111 <sup>23</sup> .....                                                          | F                              | 19.38   | 4.78 | 5.46  | 54.72    |
| <b>Kelso Milling Corporation, Kelso, Mo.</b>                                           |                                |         |      |       |          |
| Graded (or Screened) Corn Chops.....                                                   | G                              | 9.00    | 4.00 | 3.00  | 60.00    |
| 34-1-63.....                                                                           | F                              | 9.06    | 4.18 | 1.62  | 66.33    |
| Kelso Laying Mash.....                                                                 | G                              | 21.00   | 5.00 | 7.00  | 45.00    |
| 34-1-60.....                                                                           | F                              | 21.63   | 6.89 | 4.50  | 46.00    |
| Kelso Scratch Feed.....                                                                | G                              | 10.00   | 4.00 | 5.50  | 60.00    |
| 34-1-62.....                                                                           | F                              | 10.19   | 3.25 | 1.86  | 67.56    |
| Missouri Laying Mash.....                                                              | G                              | 18.00   | 4.00 | 7.00  | 45.00    |
| 34-1-61.....                                                                           | F                              | 21.44   | 6.60 | 4.76  | 45.46    |
| Soft Wheat Bran with Ground Wheat Screenings....                                       | G                              | 13.50   | 3.50 | 10.00 | 53.00    |
| 34-1-66.....                                                                           | F                              | 15.25   | 7.75 | 9.37  | 49.66    |
| Soft Wheat Gray Sorts.....                                                             | G                              | 15.00   | 3.50 | 6.00  | 58.00    |
| 34-1-64.....                                                                           | F                              | 16.44   | 4.64 | 3.63  | 60.02    |
| <b>Kelso Seed Co., Plattsburg, Kan.</b>                                                |                                |         |      |       |          |
| Economy Egg Mash.....                                                                  | G                              | 18.00   | 3.50 | 6.50  | 48.00    |
| 34-8-145 <sup>1,14</sup> .....                                                         | F                              | 19.06   | 4.65 | 5.20  | 53.55    |
| Economy Growing Mash (from 6 weeks to maturity)..                                      | G                              | 18.00   | 4.00 | 7.00  | 50.00    |
| 34-8-162 <sup>14,34</sup> .....                                                        | F                              | 17.63   | 4.75 | 4.35  | 57.21    |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key   |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber N. F. E. |       |       |       |
|------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------|-------|-------|-------|
| Economy Hen Feed.....                                                                    | G | 9.54                                                                                        | 3.50  | 2.58  | 63.00 |
| 34-8-142 <sup>4,5,6,12</sup> .....                                                       | F | 10.38                                                                                       | 4.58  | 1.88  | 71.64 |
| Kelso's Poultry Fattener (Station Feed).....                                             | G | 12.50                                                                                       | 4.20  | 6.50  | 60.00 |
| 34-8-146 <sup>1,12,14</sup> .....                                                        | F | 15.31                                                                                       | 4.88  | 5.01  | 62.57 |
| Rainbow Dairy Feed.....                                                                  | G | 16.00                                                                                       | 3.50  | 7.00  | 55.00 |
| 34-8-154 <sup>4,14</sup> .....                                                           | F | 13.63                                                                                       | 3.79  | 8.34  | 58.70 |
| Screened Corn Chop.....                                                                  | G | 9.00                                                                                        | 3.50  | 3.50  | 65.00 |
| 34-8-147.....                                                                            | F | 10.25                                                                                       | 4.58  | 1.99  | 71.43 |
| <b>Kent Dairy Products Corp., Inc., West Plains, Mo.</b>                                 |   |                                                                                             |       |       |       |
| Skim Milk Powder.....                                                                    | G | 33.94                                                                                       | 0.86  | 0.00  | 48.40 |
| 34-7-143 <sup>4,5</sup> .....                                                            | F | 34.19                                                                                       | 0.38  | 0.00  | 52.54 |
| <b>F. N. Ketterling, Graham, Mo.</b>                                                     |   |                                                                                             |       |       |       |
| Chick Growing Mash.....                                                                  | G | 17.00                                                                                       | 3.50  | 6.50  | 46.00 |
| 34-9-63.....                                                                             | F | 20.00                                                                                       | 6.51  | 6.08  | 49.84 |
| Missouri Formula All-Mash Chick Starter.....                                             | G | 15.00                                                                                       | 3.00  | 5.00  | 50.00 |
| 34-9-62 <sup>7</sup> .....                                                               | F | 17.00                                                                                       | 6.65  | 3.43  | 57.47 |
| Mixed Chick Scratch.....                                                                 | G | 10.00                                                                                       | 2.50  | 6.00  | 66.00 |
| 34-9-61.....                                                                             | F | 10.25                                                                                       | 4.43  | 2.10  | 72.49 |
| <b>Killingsworth and Edmonson, Walnut Grove, Mo.</b>                                     |   |                                                                                             |       |       |       |
| K and E Egg Mash.....                                                                    | G | 17.50                                                                                       | 3.50  | 10.00 | 46.50 |
| 34-1-260 <sup>1,2</sup> .....                                                            | F | 19.25                                                                                       | 5.21  | 7.41  | 47.63 |
| 34-5-119 <sup>8</sup> .....                                                              | F | 20.38                                                                                       | 5.15  | 6.42  | 49.72 |
| 34-10-66 <sup>12</sup> .....                                                             | F | 20.13                                                                                       | 5.41  | 5.22  | 50.15 |
| La Page Cut Yellow Corn Chops.....                                                       | G | 9.00                                                                                        | 3.50  | 3.50  | 65.00 |
| 34-1-241 <sup>1,4,5</sup> .....                                                          | F | 7.86                                                                                        | 3.96  | 1.96  | 70.71 |
| 34-10-67 <sup>4,5</sup> .....                                                            | F | 10.00                                                                                       | 4.02  | 1.97  | 71.06 |
| Yellow Feed Meal.....                                                                    | G | 9.00                                                                                        | 3.50  | 3.50  | 65.00 |
| 34-1-245 <sup>1,3,4,5</sup> .....                                                        | F | 9.38                                                                                        | 6.01  | 1.90  | 65.94 |
| <b>M. D. King Milling Co., Inc., Pittsfield, Ill.</b>                                    |   |                                                                                             |       |       |       |
| King Pure Soft Wheat Bran.....                                                           | G | 15.00                                                                                       | 3.50  | 11.00 | 50.00 |
| 34-8-190.....                                                                            | F | 17.06                                                                                       | 5.04  | 9.62  | 51.82 |
| <b>Kirgan Flour and Feed Store, St. James, Mo.</b>                                       |   |                                                                                             |       |       |       |
| Kirgan's Laying Mash.....                                                                | G | 20.00                                                                                       | 4.00  | 7.50  | 41.50 |
| 34-5-16 <sup>4,5</sup> .....                                                             | F | 25.13                                                                                       | 6.08  | 6.43  | 41.62 |
| <b>Krey Packing Co., St. Louis, Mo.</b>                                                  |   |                                                                                             |       |       |       |
| Digester Tankage.....                                                                    | G | 60.00                                                                                       | 5.00  | 3.00  | 4.00  |
| 34-2-250.....                                                                            | F | 55.94                                                                                       | 10.40 | 0.54  | 1.18  |
| Meat and Bone Scraps.....                                                                | G | 50.00                                                                                       | 6.00  | 3.00  | 1.00  |
| 34-2-251.....                                                                            | F | 51.50                                                                                       | 15.41 | 0.71  | 0.36  |
| <b>Kuhlmann Meyer Milling Co., California, Mo.</b>                                       |   |                                                                                             |       |       |       |
| Gray Wheat Shorts with Wheat Screenings, not Exceeding 8 %.....                          | G | 15.00                                                                                       | 3.50  | 5.50  | 51.50 |
| 34-3-256 <sup>3,5,14,23,27</sup> .....                                                   | F | 17.38                                                                                       | 5.84  | 6.54  | 54.59 |
| 34-6-35 <sup>5</sup> .....                                                               | F | 16.44                                                                                       | 4.00  | 6.99  | 58.56 |
| Star Laying Mash.....                                                                    | G | 16.00                                                                                       | 4.00  | 6.50  | 51.00 |
| 34-3-257 <sup>23</sup> .....                                                             | F | 17.50                                                                                       | 5.62  | 5.95  | 53.07 |
| Wheat Bran and Wheat Screenings not Exceeding 8 %.....                                   | G | 14.40                                                                                       | 3.50  | 10.00 | 40.00 |
| 34-3-258 <sup>4,5,9,13,23</sup> .....                                                    | F | 16.88                                                                                       | 4.40  | 10.04 | 50.08 |
| 34-6-34.....                                                                             | F | 16.00                                                                                       | 4.76  | 10.58 | 51.23 |
| <b>Larabee Flour Mills Co., Kansas City, Mo.</b>                                         |   |                                                                                             |       |       |       |
| Production Egg Mash with Cod Liver Oil.....                                              | G | 18.00                                                                                       | 4.00  | 7.50  | 50.50 |
| 34-2-48.....                                                                             | F | 18.94                                                                                       | 5.52  | 5.69  | 50.50 |
| Sunfed Winter Wheat Bran with Ground Wheat Screenings not to Exceed Mill-Run or 8 %..... | G | 15.00                                                                                       | 3.50  | 11.00 | 47.00 |
| 34-1-219.....                                                                            | F | 16.13                                                                                       | 4.75  | 10.11 | 50.81 |
| 34-2-47.....                                                                             | F | 15.00                                                                                       | 4.04  | 9.65  | 52.50 |
| 34-6-13.....                                                                             | F | 15.19                                                                                       | 3.79  | 9.41  | 55.31 |
| 34-7-30.....                                                                             | F | 17.25                                                                                       | 4.68  | 10.78 | 49.72 |
| 34-9-93.....                                                                             | F | 17.44                                                                                       | 4.71  | 10.20 | 49.91 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key         | Chemical Analyses |                |               |         |                    |
|------------------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                                | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| Sunfed Winter Wheat Brown Shorts with Ground<br>Wheat Screenings not Exceeding Mill-Run or 8 % | G                 | 16.00          | 3.50          | 7.50    | 53.00              |
| 34-7-31.....                                                                                   | F                 | 18.56          | 4.75          | 8.09    | 52.60              |
| Sunfed Winter Wheat Gray Shorts with Ground<br>Wheat Screenings not to Exceed Mill-Run or 8 %  | G                 | 16.00          | 3.50          | 6.00    | 56.50              |
| 34-2-46.....                                                                                   | F                 | 18.50          | 4.76          | 5.84    | 54.45              |
| 34-2-88 <sup>1</sup> .....                                                                     | F                 | 17.75          | 5.38          | 4.18    | 57.16              |
| 34-3-74 <sup>1</sup> .....                                                                     | F                 | 18.81          | 4.83          | 5.78    | 53.85              |
| 34-3-134.....                                                                                  | F                 | 18.88          | 4.97          | 6.58    | 53.74              |
| 34-7-32.....                                                                                   | F                 | 19.19          | 5.20          | 6.23    | 54.27              |
| 34-9-94.....                                                                                   | F                 | 19.56          | 5.03          | 5.70    | 54.50              |
| Sunfed Winter Wheat Mixed Feed with Ground<br>Wheat Screenings not to Exceed Mill-Run or 8 %.  | G                 | 16.00          | 4.00          | 8.50    | 52.00              |
| 34-8-122.....                                                                                  | F                 | 18.19          | 4.03          | 9.23    | 52.11              |
| Sunfed Winter Wheat Red Dog.....                                                               | G                 | 15.00          | 3.00          | 3.50    | 56.00              |
| 34-3-83 <sup>1</sup> .....                                                                     | F                 | 18.13          | 5.08          | 3.21    | 59.72              |
| 34-7-33.....                                                                                   | F                 | 17.81          | 3.76          | 3.55    | 61.94              |
| <b>Larrowe Milling Co., Detroit, Mich.</b>                                                     |                   |                |               |         |                    |
| Dried Beet Pulp.....                                                                           | G                 | 7.00           | 0.30          | 22.50   | 48.00              |
| 34-2-177 <sup>9</sup> .....                                                                    | F                 | 9.00           | 0.99          | 19.87   | 56.01              |
| Dried Molasses Beet Pulp.....                                                                  | G                 | 7.00           | 0.30          | 20.00   | 50.00              |
| 34-1-9.....                                                                                    | F                 | 9.38           | 0.91          | 20.07   | 54.99              |
| 34-8-72.....                                                                                   | F                 | 11.44          | 1.47          | 16.82   | 58.70              |
| 34-8-118.....                                                                                  | F                 | 10.00          | 0.36          | 20.00   | 57.11              |
| 34-9-174 <sup>23</sup> .....                                                                   | F                 | 8.63           | 1.05          | 18.65   | 60.35              |
| <b>K. S. Layton Feed Mill, Perryville, Mo.</b>                                                 |                   |                |               |         |                    |
| Corn Chops, Medium Grade, Screened.....                                                        | G                 | 9.00           | 3.50          | 3.50    | 65.00              |
| 34-11-193.....                                                                                 | F                 | 9.81           | 5.20          | 1.75    | 75.46              |
| University Laying Mash.....                                                                    | G                 | 19.00          | 3.50          | 6.00    | 45.00              |
| 34-11-192.....                                                                                 | F                 | 22.75          | 4.69          | 4.82    | 45.60              |
| <b>Layton and Devenyns, Perryville, Mo.</b>                                                    |                   |                |               |         |                    |
| Our Pride Laying Mash.....                                                                     | G                 | 18.00          | 4.50          | 6.00    | 50.00              |
| 34-11-159.....                                                                                 | F                 | 16.69          | 5.24          | 4.05    | 55.43              |
| <b>R. S. and L. M. Leascher, Mountain Grove, Mo.</b>                                           |                   |                |               |         |                    |
| More-Egg Laying Mash.....                                                                      | G                 | 16.00          | 4.50          | 7.00    | 50.00              |
| 34-2-23 <sup>1</sup> .....                                                                     | F                 | 17.31          | 5.71          | 5.76    | 55.59              |
| <b>Lees Summit Elevator and Grain Co., Lees Summit, Mo.</b>                                    |                   |                |               |         |                    |
| Dairy Feed.....                                                                                | G                 | 14.00          | 3.00          | 6.00    | 60.00              |
| 34-1-194 <sup>10</sup> .....                                                                   | F                 | 16.13          | 3.84          | 6.81    | 56.36              |
| Laying Mash.....                                                                               | G                 | 18.50          | 4.00          | 7.00    | 48.00              |
| 34-1-195.....                                                                                  | F                 | 20.13          | 4.94          | 6.21    | 49.76              |
| 34-10-118 <sup>8,14,23</sup> .....                                                             | F                 | 20.63          | 5.77          | 6.61    | 49.93              |
| <b>H. W. Leighninger, Lathrop, Mo.</b>                                                         |                   |                |               |         |                    |
| Leighninger's Laying Mash.....                                                                 | G                 | 18.00          | 3.50          | 7.50    | 48.00              |
| 34-12-64 <sup>7</sup> .....                                                                    | F                 | 16.94          | 3.85          | 7.12    | 49.18              |
| <b>Liberty Marketing Co., Liberty, Mo.</b>                                                     |                   |                |               |         |                    |
| Liberty Wonder Dairy.....                                                                      | G                 | 16.00          | 3.50          | 7.50    | 55.00              |
| 34-7-25 <sup>10</sup> .....                                                                    | F                 | 14.38          | 3.88          | 7.29    | 57.80              |
| Liberty Wonder Egg Mash.....                                                                   | G                 | 20.00          | 4.00          | 7.00    | 47.00              |
| 34-7-23 <sup>12</sup> .....                                                                    | F                 | 23.44          | 6.75          | 3.51    | 45.56              |
| Liberty Wonder Molasses Feed.....                                                              | G                 | 9.50           | 2.00          | 8.50    | 57.00              |
| 34-7-26.....                                                                                   | F                 | 11.81          | 2.58          | 12.16   | 55.47              |
| Liberty Wonder Starting and Growing Mash.....                                                  | G                 | 17.00          | 5.00          | 8.00    | 50.00              |
| 34-7-24 <sup>12</sup> .....                                                                    | F                 | 19.19          | 5.78          | 3.77    | 54.19              |
| Millers' Pig Meal.....                                                                         | G                 | 21.00          | 7.00          | 5.76    | 55.26              |
| 34-7-22.....                                                                                   | F                 | 23.00          | 5.20          | 5.35    | 47.83              |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| <b>Likins Bros., Ash Grove and Mt. Vernon, Mo.</b>                                     |                   |                |               |         |                    |
| Little Blue Chick Starter with Buttermilk.....                                         | G                 | 13.00          | 3.50          | 6.50    | 40.00              |
| 34-8-46.....                                                                           | F                 | 16.69          | 5.78          | 3.67    | 58.58              |
| Little Blue Hen Laying Mash.....                                                       | G                 | 20.00          | 4.22          | 8.32    | 43.61              |
| 34-4-51 <sup>4,5</sup> .....                                                           | F                 | 19.72          | 6.53          | 5.77    | 46.95              |
| 34-8-47 <sup>4,5</sup> .....                                                           | F                 | 21.25          | 6.55          | 6.27    | 47.62              |
| Little Red Chick Starter with Buttermilk and Cod<br>Liver Oil.....                     | G                 | 13.05          | 3.50          | 4.54    | 50.89              |
| 34-4-54 <sup>9</sup> .....                                                             | F                 | 16.50          | 4.93          | 4.44    | 57.35              |
| 34-8-49 <sup>9</sup> .....                                                             | F                 | 17.50          | 6.19          | 4.28    | 57.06              |
| Little Red Heifer Dairy Feed.....                                                      | G                 | 17.00          | 4.02          | 13.02   | 35.06              |
| 34-4-52 <sup>4,5</sup> .....                                                           | F                 | 17.88          | 5.04          | 12.25   | 49.29              |
| Little Red Hen Laying Mash with Cod Liver Oil....                                      | G                 | 20.00          | 4.25          | 10.00   | 42.31              |
| 34-4-55 <sup>9</sup> .....                                                             | F                 | 20.38          | 5.81          | 6.78    | 46.00              |
| 34-8-48 <sup>9</sup> .....                                                             | F                 | 20.75          | 5.94          | 7.56    | 47.47              |
| Victory Mixed Feed.....                                                                | G                 | 11.00          | 3.50          | 11.00   | 50.00              |
| 34-4-53 <sup>8</sup> .....                                                             | F                 | 11.88          | 4.05          | 15.52   | 52.85              |
| 34-8-50 <sup>8</sup> .....                                                             | F                 | 10.85          | 3.99          | 17.46   | 53.34              |
| <b>Laclede Packing Co., St. Louls, Mo.</b>                                             |                   |                |               |         |                    |
| Digester Tankage.....                                                                  | G                 | 60.00          | 6.00          | 3.00    | 0.00               |
| 34-6-88.....                                                                           | F                 | 61.63          | 9.24          | 0.88    | 1.39               |
| <b>Laclede Roller Mills, Lebanon, Mo.</b>                                              |                   |                |               |         |                    |
| Missouri All-Mash Starter.....                                                         | G                 | 14.00          | 4.00          | 5.00    | 50.00              |
| 34-4-186 <sup>8</sup> .....                                                            | F                 | 16.19          | 5.25          | 4.70    | 55.33              |
| Missouri Laying Mash.....                                                              | G                 | 19.00          | 3.50          | 9.00    | 45.00              |
| 34-4-184 <sup>8,9</sup> .....                                                          | F                 | 20.56          | 5.45          | 5.78    | 47.59              |
| Missouri Laying Mash with Alfalfa Meal.....                                            | G                 | 19.00          | 3.40          | 10.50   | 52.00              |
| 34-4-187.....                                                                          | F                 | 20.56          | 5.30          | 5.80    | 49.40              |
| Purity Dairy Feed.....                                                                 | G                 | 15.00          | 3.50          | 10.00   | 53.00              |
| 34-4-185.....                                                                          | F                 | 14.94          | 5.13          | 5.90    | 56.32              |
| Purity Hen Scratch.....                                                                | G                 | 10.50          | 3.50          | 6.50    | 61.50              |
| 34-4-189.....                                                                          | F                 | 10.19          | 3.90          | 2.43    | 69.35              |
| Purity Mixed Feed.....                                                                 | G                 | 11.00          | 3.50          | 12.00   | 53.00              |
| 34-4-188 <sup>9</sup> .....                                                            | F                 | 14.13          | 4.06          | 12.31   | 49.99              |
| <b>Lakeside Milling Co., Carthage, Mo.</b>                                             |                   |                |               |         |                    |
| Pure Wheat Mixed Feed.....                                                             | G                 | 14.50          | 3.00          | 7.50    | 55.00              |
| 34-2-142.....                                                                          | F                 | 16.69          | 3.56          | 6.07    | 57.62              |
| <b>Lamar Alfalfa Milling Co., Lamar, Colo.</b>                                         |                   |                |               |         |                    |
| Alfalfa Leaf Meal.....                                                                 | G                 | 20.00          | 2.50          | 18.00   | 40.00              |
| 34-1-277 <sup>3</sup> .....                                                            | F                 | 23.19          | 2.83          | 15.97   | 36.48              |
| 34-3-115 <sup>1</sup> .....                                                            | F                 | 20.56          | 3.10          | 17.36   | 36.40              |
| 34-8-159.....                                                                          | F                 | 20.44          | 2.04          | 18.84   | 38.76              |
| Alfalfa Meal.....                                                                      | G                 | 13.00          | 1.00          | 33.00   | 40.00              |
| 34-1-225 <sup>3,4,5,9</sup> .....                                                      | F                 | 14.38          | 2.21          | 30.79   | 36.25              |
| 34-3-117 <sup>1,3,4,5</sup> .....                                                      | F                 | 15.44          | 3.22          | 32.29   | 31.43              |
| 34-10-204 <sup>3,4,5</sup> .....                                                       | F                 | 14.50          | 2.22          | 27.51   | 35.98              |
| <b>Lamar Farmers Exchange, Lamar, Mo.</b>                                              |                   |                |               |         |                    |
| Farmers Developing Grain.....                                                          | G                 | 9.00           | 2.50          | 4.50    | 60.00              |
| 34-7-198 <sup>2</sup> .....                                                            | F                 | 10.06          | 4.56          | 1.88    | 72.64              |
| <b>Lamar Mills, Inc., Lamar, Mo.</b>                                                   |                   |                |               |         |                    |
| Corn Feed Meal.....                                                                    | G                 | 9.00           | 6.50          | 2.75    | 68.00              |
| 34-7-187 <sup>4,5</sup> .....                                                          | F                 | 11.25          | 7.43          | 4.93    | 66.33              |
| Red Mill Dairy Feed, 16 %.....                                                         | G                 | 16.00          | 2.00          | 12.00   | 50.00              |
| 34-7-188 <sup>4,5</sup> .....                                                          | F                 | 16.46          | 5.42          | 9.04    | 53.73              |
| Red Mill Mixed Feed.....                                                               | G                 | 12.00          | 3.00          | 13.00   | 50.00              |
| 34-7-189 <sup>4,5,6,9</sup> .....                                                      | F                 | 11.75          | 4.90          | 12.07   | 58.52              |
| Steel-Cut Corn Chops.....                                                              | G                 | 9.50           | 3.50          | 3.00    | 70.00              |
| 34-7-190 <sup>4,5</sup> .....                                                          | F                 | 9.75           | 4.78          | 1.98    | 71.84              |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                       |                        |          |       |
|----------------------------------------------------------------------------------------|-------------------|-----------------------|------------------------|----------|-------|
|                                                                                        | %<br>Protein      | Guaranteed (G)<br>Fat | and Found (F)<br>Fiber | N. F. E. |       |
| <b>Lamar Produce and Feed Co., Lamar, Mo.</b>                                          |                   |                       |                        |          |       |
| Johnson's Hen Grain.....                                                               | G                 | 10.50                 | 3.10                   | 2.00     | 69.00 |
| 34-7-192.....                                                                          | F                 | 10.56                 | 3.88                   | 2.00     | 72.07 |
| Yellow Milk Dairy Feed.....                                                            | G                 | 16.00                 | 3.50                   | 14.00    | 47.40 |
| 34-7-191.....                                                                          | F                 | 17.69                 | 5.02                   | 9.15     | 52.95 |
| <b>Fred M. Lange, Sedalla, Mo.</b>                                                     |                   |                       |                        |          |       |
| Lange's Egg Mash.....                                                                  | G                 | 17.50                 | 4.00                   | 8.50     | 45.00 |
| 34-3-4 <sup>7,8</sup> .....                                                            | F                 | 18.88                 | 5.84                   | 6.03     | 51.27 |
| Lange's Hen Scratch.....                                                               | G                 | 10.00                 | 2.50                   | 5.00     | 60.00 |
| 34-3-3 <sup>7</sup> .....                                                              | F                 | 11.44                 | 4.89                   | 1.85     | 68.81 |
| Missouri Brand Laying Mash.....                                                        | G                 | 17.50                 | 3.75                   | 7.50     | 52.00 |
| 34-3-5.....                                                                            | F                 | 21.13                 | 8.29                   | 6.36     | 47.47 |
| <b>Lincoln County Farm Bureau Service Co., Troy, Mo.</b>                               |                   |                       |                        |          |       |
| Farm Bureau Certified Growing Mash.....                                                | G                 | 16.50                 | 4.50                   | 4.00     | 49.00 |
| 34-6-82.....                                                                           | F                 | 19.31                 | 5.55                   | 4.24     | 51.86 |
| Farm Bureau Certified Laying Mash.....                                                 | G                 | 18.00                 | 5.00                   | 5.00     | 47.00 |
| 34-2-180.....                                                                          | F                 | 23.38                 | 6.66                   | 4.12     | 47.64 |
| 34-3-156.....                                                                          | F                 | 21.25                 | 6.91                   | 4.58     | 48.85 |
| 34-9-85.....                                                                           | F                 | 21.75                 | 6.73                   | 4.67     | 47.83 |
| Farm Bureau Certified Starting Mash.....                                               | G                 | 16.00                 | 4.50                   | 3.50     | 54.00 |
| 34-3-157.....                                                                          | F                 | 16.25                 | 5.50                   | 3.42     | 57.15 |
| 34-6-83.....                                                                           | F                 | 17.31                 | 4.92                   | 3.50     | 58.30 |
| <b>D. M. Lindley Produce Co., New Cambria, Mo.</b>                                     |                   |                       |                        |          |       |
| New Deal Laying Mash.....                                                              | G                 | 18.00                 | 6.00                   | 4.69     | 45.00 |
| 34-9-40.....                                                                           | F                 | 20.81                 | 6.03                   | 5.08     | 49.58 |
| New Deal Starting Mash.....                                                            | G                 | 18.00                 | 6.00                   | 5.12     | 47.00 |
| 34-9-39.....                                                                           | F                 | 19.63                 | 6.39                   | 5.80     | 49.16 |
| <b>Lingle Grain and Milling Co., Windsor, Mo.</b>                                      |                   |                       |                        |          |       |
| Missouri Brand Laying Mash.....                                                        | G                 | 16.00                 | 3.75                   | 7.50     | 52.00 |
| 34-9-124.....                                                                          | F                 | 16.56                 | 5.41                   | 4.91     | 57.34 |
| Red Tag Corn Chop.....                                                                 | G                 | 8.00                  | 3.56                   | 5.00     | 48.50 |
| 34-9-125.....                                                                          | F                 | 8.56                  | 4.05                   | 1.68     | 73.64 |
| <b>Lipscomb Grain and Seed Co., Springfield, Mo.</b>                                   |                   |                       |                        |          |       |
| Alfalfa Molasses.....                                                                  | G                 | 8.00                  | 2.00                   | 20.00    | 46.00 |
| 34-10-239 <sup>7</sup> .....                                                           | F                 | 7.84                  | 3.06                   | 19.67    | 48.46 |
| Big Ears Horse and Mule Feed.....                                                      | G                 | 9.00                  | 2.00                   | 15.00    | 50.00 |
| 34-1-107.....                                                                          | F                 | 11.38                 | 2.40                   | 5.97     | 58.86 |
| 34-10-232.....                                                                         | F                 | 8.63                  | 2.29                   | 13.40    | 52.95 |
| Blue Tag 20 % Dairy Ration.....                                                        | G                 | 20.00                 | 3.00                   | 12.00    | 43.00 |
| 34-1-113.....                                                                          | F                 | 22.56                 | 3.09                   | 8.01     | 46.39 |
| 34-10-250.....                                                                         | F                 | 18.94                 | 3.31                   | 9.57     | 46.62 |
| Daisy Mixed Feed.....                                                                  | G                 | 12.00                 | 3.00                   | 16.00    | 45.00 |
| 34-1-121 <sup>8,9</sup> .....                                                          | F                 | 10.13                 | 2.71                   | 10.69    | 59.92 |
| Economy Mixed Feed.....                                                                | G                 | 10.00                 | 3.00                   | 18.00    | 45.00 |
| 34-1-29.....                                                                           | F                 | 11.56                 | 3.07                   | 15.55    | 49.10 |
| 34-10-86.....                                                                          | F                 | 13.31                 | 3.92                   | 14.74    | 50.01 |
| Economy Mixed Feed (with Molasses).....                                                | G                 | 10.00                 | 2.50                   | 12.00    | 50.00 |
| 34-1-111.....                                                                          | F                 | 13.38                 | 2.52                   | 8.15     | 54.68 |
| 34-10-87 <sup>8</sup> .....                                                            | F                 | 10.13                 | 3.16                   | 10.70    | 54.87 |
| Hominy Feed.....                                                                       | G                 | 9.50                  | 5.00                   | 7.00     | 61.00 |
| 34-10-242.....                                                                         | F                 | 12.06                 | 8.82                   | 7.66     | 58.22 |
| Lipscomb's Calf Meal.....                                                              | G                 | 20.00                 | 3.00                   | 5.00     | 50.00 |
| 34-1-100.....                                                                          | F                 | 23.94                 | 4.52                   | 3.00     | 53.76 |
| 34-10-245 <sup>31</sup> .....                                                          | F                 | 24.56                 | 4.64                   | 4.15     | 53.47 |
| Lipscomb's Chick Grower.....                                                           | G                 | 19.00                 | 4.00                   | 6.00     | 47.00 |
| 34-10-233 <sup>31</sup> .....                                                          | F                 | 21.88                 | 5.99                   | 5.05     | 47.00 |
| Lipscomb's 16 % Dairy Ration.....                                                      | G                 | 16.00                 | 3.00                   | 12.00    | 45.00 |
| 34-1-108.....                                                                          | F                 | 15.06                 | 3.18                   | 9.01     | 50.73 |
| 34-10-238.....                                                                         | F                 | 14.19                 | 3.24                   | 11.99    | 49.11 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |          |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|----------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |          |
|                                                                                        |                   | Protein        | Fat           | Fiber | N. F. E. |
| Lipscomb's 24 % Dairy Ration.....                                                      | G                 | 24.00          | 3.00          | 10.00 | 40.00    |
| 34-1-109.....                                                                          | F                 | 25.94          | 3.34          | 8.36  | 43.52    |
| 34-10-237 <sup>31</sup> .....                                                          | F                 | 26.50          | 4.28          | 8.63  | 41.71    |
| Lipscomb's Egg Mash.....                                                               | G                 | 20.00          | 4.00          | 6.00  | 47.00    |
| 34-1-103.....                                                                          | F                 | 21.19          | 5.13          | 4.64  | 47.45    |
| 34-10-240 <sup>31</sup> .....                                                          | F                 | 20.13          | 5.92          | 5.22  | 50.72    |
| Lipscomb's Hen Scratch.....                                                            | G                 | 10.00          | 2.00          | 5.00  | 60.00    |
| 34-1-99 <sup>23</sup> .....                                                            | F                 | 11.75          | 2.63          | 1.82  | 70.80    |
| 34-10-249.....                                                                         | F                 | 11.63          | 4.23          | 2.08  | 71.08    |
| Lipscomb's Poultry Fattener.....                                                       | G                 | 14.00          | 3.50          | 6.00  | 56.00    |
| 34-1-106.....                                                                          | F                 | 15.69          | 4.24          | 3.69  | 50.00    |
| 34-10-244.....                                                                         | F                 | 15.19          | 4.79          | 4.30  | 60.70    |
| Steel-Cut Screened Corn Chops.....                                                     | G                 | 8.00           | 3.00          | 2.00  | 70.00    |
| 34-1-101.....                                                                          | F                 | 8.41           | 3.56          | 1.52  | 69.78    |
| 34-10-246 <sup>7</sup> .....                                                           | F                 | 9.19           | 4.42          | 2.03  | 72.54    |
| 34-11-179 <sup>8,10</sup> .....                                                        | F                 | 9.25           | 4.85          | 2.02  | 70.24    |
| Sungold Egg Mash.....                                                                  | G                 | 18.00          | 3.50          | 8.00  | 46.00    |
| 34-1-102.....                                                                          | F                 | 19.88          | 4.15          | 6.65  | 50.80    |
| 34-10-231 <sup>28</sup> .....                                                          | F                 | 22.81          | 5.47          | 7.17  | 46.49    |
| Sungold Hen Scratch.....                                                               | G                 | 9.00           | 2.00          | 5.00  | 65.00    |
| 34-1-31 <sup>23</sup> .....                                                            | F                 | 10.69          | 3.19          | 1.82  | 70.07    |
| 34-10-235.....                                                                         | F                 | 10.81          | 3.88          | 1.96  | 70.41    |
| Sungold Mixed Feed.....                                                                | G                 | 12.00          | 3.00          | 16.00 | 45.00    |
| 34-1-30.....                                                                           | F                 | 12.94          | 3.49          | 13.25 | 51.36    |
| 34-10-230.....                                                                         | F                 | 14.19          | 4.00          | 14.61 | 50.48    |
| Sungold Mixed Feed (with Molasses).....                                                | G                 | 12.00          | 2.50          | 12.00 | 50.00    |
| 34-1-114.....                                                                          | F                 | 13.86          | 2.72          | 9.98  | 54.60    |
| Sunni-South Horse and Mule Feed.....                                                   | G                 | 9.00           | 2.00          | 10.00 | 50.00    |
| 34-1-115 <sup>8,9</sup> .....                                                          | F                 | 10.68          | 2.45          | 8.47  | 60.31    |
| True Blue Egg Mash.....                                                                | G                 | 18.00          | 3.50          | 8.00  | 46.00    |
| 34-1-105.....                                                                          | F                 | 19.81          | 3.91          | 6.29  | 51.44    |
| 34-10-241.....                                                                         | F                 | 20.38          | 5.66          | 7.04  | 49.70    |
| True Blue Mixed Feed.....                                                              | G                 | 14.00          | 3.00          | 13.00 | 50.00    |
| 34-1-98.....                                                                           | F                 | 15.25          | 3.58          | 9.78  | 52.81    |
| 34-10-234 <sup>31</sup> .....                                                          | F                 | 16.44          | 5.55          | 8.56  | 53.05    |
| War Horse 65 % Grain Horse and Mule Feed.....                                          | G                 | 10.00          | 2.00          | 12.00 | 50.00    |
| 34-1-112.....                                                                          | F                 | 11.94          | 2.68          | 8.58  | 57.94    |
| Yellow Corn Feed Meal.....                                                             | G                 | 8.00           | 3.00          | 4.00  | 61.50    |
| 34-10-243.....                                                                         | F                 | 11.38          | 7.65          | 3.27  | 64.56    |
| <b>Lock Bros. Milling Co., Loose Creek, Mo.</b>                                        |                   |                |               |       |          |
| Wheat Bran and Wheat Screenings not Exceeding<br>Mill-Run.....                         | G                 | 14.60          | 3.60          | 11.00 | 47.00    |
| 34-5-189.....                                                                          | F                 | 15.94          | 5.48          | 9.18  | 53.59    |
| Wheat Gray Shorts and Wheat Screenings not to<br>Exceed Mill-run.....                  | G                 | 16.00          | 4.30          | 6.10  | 64.10    |
| 34-5-190.....                                                                          | F                 | 16.31          | 4.06          | 4.07  | 62.15    |
| <b>Lockwood Farmers Exchange, Lockwood, Mo.</b>                                        |                   |                |               |       |          |
| Biddy's Friend Laying Mash.....                                                        | G                 | 23.44          | 4.97          | 10.07 | 43.93    |
| 34-5-122.....                                                                          | F                 | 22.72          | 4.87          | 10.20 | 42.39    |
| 34-7-199.....                                                                          | F                 | 22.56          | 6.45          | 9.75  | 43.31    |
| Missouri University Baby Chick Formula for First<br>Eight Weeks.....                   | G                 | 14.70          | 3.42          | 4.75  | 51.35    |
| 34-5-123 <sup>2</sup> .....                                                            | F                 | 16.38          | 4.85          | 3.48  | 57.72    |
| Missouri University Baby Chick Formula After Eight<br>Weeks.....                       | G                 | 18.26          | 3.41          | 5.60  | 46.10    |
| 34-7-200 <sup>2</sup> .....                                                            | F                 | 18.38          | 6.39          | 4.95  | 52.47    |
| <b>Lockwood Milling Co., Lockwood, Mo.</b>                                             |                   |                |               |       |          |
| Farm Relief Laying Mash.....                                                           | G                 | 19.00          | 6.00          | 5.00  | 46.00    |
| 34-5-125 <sup>7,8</sup> .....                                                          | F                 | 18.16          | 5.14          | 4.87  | 52.96    |
| 34-7-202 <sup>7</sup> .....                                                            | F                 | 17.88          | 6.55          | 4.73  | 54.99    |
| O. K. Starting and Growing Mash.....                                                   | G                 | 16.00          | 3.50          | 6.00  | 48.00    |
| 34-5-124 <sup>8,9,10</sup> .....                                                       | F                 | 18.50          | 5.32          | 4.55  | 51.74    |
| 34-7-201 <sup>7,8,10</sup> .....                                                       | F                 | 18.25          | 6.82          | 4.03  | 54.33    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber N. F. E. |       |      |       |       |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------|------|-------|-------|
|                                                                                        |                                                                                             |       |      |       |       |
| <b>Lohman Milling Co., Lohman, Mo.</b>                                                 |                                                                                             |       |      |       |       |
| Valley Gem Growing Mash.....                                                           | G                                                                                           | 16.00 | 4.50 | 6.00  | 50.00 |
| 34-7-213.....                                                                          | F                                                                                           | 18.81 | 6.90 | 3.70  | 55.96 |
| Wheat Bran.....                                                                        | G                                                                                           | 16.44 | 3.61 | 10.19 | 57.07 |
| 34-7-211.....                                                                          | F                                                                                           | 16.50 | 5.79 | 10.22 | 53.51 |
| White Wheat Shorts.....                                                                | G                                                                                           | 14.75 | 2.93 | 2.39  | 70.91 |
| 34-7-212.....                                                                          | F                                                                                           | 16.25 | 5.70 | 3.72  | 62.81 |
| <b>Louisiana Milling Co., Louisiana, Mo.</b>                                           |                                                                                             |       |      |       |       |
| Soft Winter Wheat Bran and Wheat Screenings not<br>Exceeding Mill-run.....             | G                                                                                           | 14.00 | 2.75 | 12.00 | 50.00 |
| 34-2-169 <sup>9,3</sup> .....                                                          | F                                                                                           | 15.75 | 3.45 | 8.40  | 56.34 |
| 34-8-189 <sup>3</sup> .....                                                            | F                                                                                           | 16.19 | 4.50 | 9.97  | 54.42 |
| Soft Winter Wheat Flour Middlings.....                                                 | G                                                                                           | 15.00 | 3.50 | 5.00  | 53.00 |
| 34-2-168 <sup>3,9</sup> .....                                                          | F                                                                                           | 15.81 | 4.36 | 3.39  | 62.67 |
| 34-8-188 <sup>3</sup> .....                                                            | F                                                                                           | 17.94 | 5.82 | 4.93  | 60.48 |
| <b>L. B. Lovitt and Co., Memphis, Tenn.</b>                                            |                                                                                             |       |      |       |       |
| Lovit Brand 41 % Cottonseed Meal.....                                                  | G                                                                                           | 41.00 | 6.00 | 10.00 | 26.00 |
| 34-3-34.....                                                                           | F                                                                                           | 39.75 | 8.51 | 10.10 | 26.19 |
| Lovit Brand 41 % Cottonseed Meal, Prime Quality...                                     | G                                                                                           | 41.00 | 5.00 | 13.00 | 26.00 |
| 34-10-107.....                                                                         | F                                                                                           | 41.44 | 7.08 | 10.72 | 26.53 |
| 34-11-161.....                                                                         | F                                                                                           | 41.00 | 7.02 | 10.71 | 26.76 |
| <b>Lukens Milling Co., Atchison, Kan.</b>                                              |                                                                                             |       |      |       |       |
| Wheat Bran and Wheat Screenings.....                                                   | G                                                                                           | 14.50 | 3.50 | 11.00 | 50.00 |
| 34-1-199.....                                                                          | F                                                                                           | 16.50 | 3.41 | 9.79  | 50.62 |
| 34-3-226 <sup>4,5,9</sup> .....                                                        | F                                                                                           | 16.44 | 3.88 | 8.44  | 53.51 |
| 34-8-70 <sup>4,5</sup> .....                                                           | F                                                                                           | 15.88 | 3.90 | 10.18 | 55.11 |
| Wheat Gray Shorts.....                                                                 | G                                                                                           | 16.00 | 4.00 | 6.00  | 55.00 |
| 34-1-200.....                                                                          | F                                                                                           | 17.63 | 4.40 | 4.75  | 56.76 |
| 34-8-71 <sup>4,5</sup> .....                                                           | F                                                                                           | 18.38 | 5.38 | 5.80  | 56.55 |
| <b>Lutesville Fuel and Feed Co., Lutesville, Mo.</b>                                   |                                                                                             |       |      |       |       |
| Superior Laying Mash.....                                                              | G                                                                                           | 18.00 | 4.50 | 6.00  | 50.00 |
| 34-10-100 <sup>29</sup> .....                                                          | F                                                                                           | 18.88 | 5.89 | 2.66  | 53.77 |
| <b>J. C. Lysie Milling Co., Leavenworth, Kan.</b>                                      |                                                                                             |       |      |       |       |
| Pure Wheat Bran.....                                                                   | G                                                                                           | 14.50 | 3.50 | 11.00 | 50.00 |
| 34-10-207.....                                                                         | F                                                                                           | 16.54 | 4.00 | 10.16 | 50.69 |
| Wheat Bran and Wheat Screenings.....                                                   | G                                                                                           | 14.50 | 3.50 | 11.00 | 55.00 |
| 34-1-203 <sup>4,5,9</sup> .....                                                        | F                                                                                           | 15.69 | 3.50 | 11.08 | 50.56 |
| <b>A. G. Madison, Purdy, Mo.</b>                                                       |                                                                                             |       |      |       |       |
| Laying Mash.....                                                                       | G                                                                                           | 22.00 | 4.00 | 5.00  | 53.00 |
| 34-2-204.....                                                                          | F                                                                                           | 19.81 | 6.15 | 4.90  | 47.86 |
| <b>Madison County Warehouse Assn., Fredericktown,<br/>Mo.</b>                          |                                                                                             |       |      |       |       |
| Farmers Dairy Feed.....                                                                | G                                                                                           | 16.00 | 3.00 | 10.00 | 49.00 |
| 34-11-238.....                                                                         | F                                                                                           | 18.31 | 4.56 | 7.12  | 51.96 |
| Farmers Laying Mash.....                                                               | G                                                                                           | 20.00 | 3.75 | 6.25  | 44.00 |
| 34-11-237.....                                                                         | F                                                                                           | 22.19 | 5.81 | 4.58  | 44.73 |
| <b>Majestic Milling Co., Aurora, Mo.</b>                                               |                                                                                             |       |      |       |       |
| Blue Star Mixed Feed.....                                                              | G                                                                                           | 10.00 | 3.50 | 13.50 | 52.00 |
| 34-2-261.....                                                                          | F                                                                                           | 10.38 | 4.13 | 12.42 | 55.52 |
| 34-8-31.....                                                                           | F                                                                                           | 10.25 | 3.99 | 13.25 | 55.93 |
| Corn Feed Meal.....                                                                    | G                                                                                           | 9.00  | 5.00 | 4.00  | 60.00 |
| 34-2-264.....                                                                          | F                                                                                           | 10.06 | 6.66 | 3.99  | 65.74 |
| 34-8-38.....                                                                           | F                                                                                           | 10.44 | 7.37 | 3.67  | 66.78 |
| Hominy Feed.....                                                                       | G                                                                                           | 10.00 | 6.00 | 7.00  | 60.00 |
| 34-2-265.....                                                                          | F                                                                                           | 9.13  | 6.03 | 6.30  | 65.54 |
| 34-8-39.....                                                                           | F                                                                                           | 11.94 | 9.12 | 7.63  | 60.19 |
| Majestic Chick Scratch for Baby Chicks.....                                            | G                                                                                           | 10.00 | 2.50 | 3.00  | 64.00 |
| 34-7-208.....                                                                          | F                                                                                           | 11.25 | 6.39 | 3.37  | 67.89 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |         |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|---------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |         |
|                                                                                        |                   | Protein        | Fat           | Fiber | N. F. E |
| Majestic Chick Starter and Growing Mash.....                                           | G                 | 18.00          | 4.00          | 6.00  | 48.00   |
| 34-8-32.....                                                                           | F                 | 20.13          | 5.86          | 4.41  | 52.60   |
| Majestic Dairy Feed.....                                                               | G                 | 20.00          | 4.00          | 10.00 | 43.00   |
| 34-2-262.....                                                                          | F                 | 21.25          | 5.20          | 6.96  | 48.32   |
| 34-7-210.....                                                                          | F                 | 21.50          | 7.03          | 7.52  | 47.16   |
| Majestic Hen Scratch.....                                                              | G                 | 10.00          | 3.00          | 5.00  | 65.00   |
| 34-2-212.....                                                                          | F                 | 10.44          | 3.45          | 2.63  | 70.61   |
| 34-8-34.....                                                                           | F                 | 10.63          | 3.55          | 2.56  | 71.90   |
| Majestic Laying Mash.....                                                              | G                 | 18.00          | 3.50          | 8.00  | 45.00   |
| 34-2-211 <sup>9</sup> .....                                                            | F                 | 18.94          | 5.16          | 5.66  | 51.39   |
| 34-7-209.....                                                                          | F                 | 19.44          | 6.07          | 6.03  | 51.67   |
| Reliable Egg Mash.....                                                                 | G                 | 17.00          | 4.00          | 8.00  | 45.00   |
| 34-2-248.....                                                                          | F                 | 19.81          | 6.36          | 6.17  | 47.35   |
| 34-2-260.....                                                                          | F                 | 20.25          | 6.20          | 5.28  | 47.64   |
| 34-7-207.....                                                                          | F                 | 20.31          | 7.35          | 5.71  | 48.02   |
| Reliable Growing Mash (Missouri Formula).....                                          | G                 | 17.00          | 4.00          | 8.00  | 50.00   |
| 34-7-206.....                                                                          | F                 | 21.63          | 6.92          | 5.01  | 46.95   |
| Reliable Starting Mash (Missouri All-Mash Formula)                                     | G                 | 15.00          | 4.00          | 5.00  | 58.00   |
| 34-8-33.....                                                                           | F                 | 15.69          | 4.48          | 3.52  | 61.20   |
| Wheat Bran and Wheat Screenings not to Exceed 8 %.                                     | G                 | 14.00          | 3.75          | 11.00 | 50.00   |
| 34-2-266.....                                                                          | F                 | 15.69          | 4.57          | 8.04  | 51.56   |
| 34-8-37.....                                                                           | F                 | 16.50          | 5.08          | 9.86  | 52.15   |
| Wheat Gray Shorts and Wheat Screenings not to                                          |                   |                |               |       |         |
| Exceed 8 %.....                                                                        | G                 | 16.00          | 3.50          | 6.00  | 55.00   |
| 34-2-243.....                                                                          | F                 | 18.13          | 6.19          | 5.13  | 54.93   |
| 34-2-267.....                                                                          | F                 | 17.50          | 5.88          | 4.62  | 54.12   |
| 34-8-35.....                                                                           | F                 | 17.31          | 5.74          | 7.02  | 55.91   |
| 34-11-33 <sup>4,5</sup> .....                                                          | F                 | 17.00          | 4.23          | 6.84  | 55.63   |
| Wheat Mixed Feed and Wheat Screenings not to                                           |                   |                |               |       |         |
| Exceed 8 %.....                                                                        | G                 | 15.50          | 3.50          | 9.50  | 53.00   |
| 34-2-268 <sup>9</sup> .....                                                            | F                 | 15.81          | 4.81          | 7.18  | 52.80   |
| 34-8-36 <sup>9</sup> .....                                                             | F                 | 17.50          | 4.94          | 7.74  | 54.17   |
| Screened Corn Chops.....                                                               | G                 | 9.00           | 3.00          | 3.00  | 67.00   |
| 34-2-263.....                                                                          | F                 | 8.73           | 3.45          | 1.28  | 73.58   |
| 34-8-40.....                                                                           | F                 | 9.56           | 4.29          | 1.69  | 70.00   |
| <b>Maney Milling Co., Omaha, Neb.</b>                                                  |                   |                |               |       |         |
| Gray Wheat Shorts.....                                                                 | G                 | 16.00          | 3.50          | 6.00  | 55.00   |
| 34-5-94.....                                                                           | F                 | 17.75          | 5.21          | 5.01  | 55.18   |
| Wheat Bran with Ground Wheat Screenings.....                                           | G                 | 15.00          | 4.00          | 11.00 | 50.00   |
| 34-3-54.....                                                                           | F                 | 17.13          | 4.06          | 9.47  | 50.88   |
| <b>Mann Grain and Feed Co., Clinton, Mo.</b>                                           |                   |                |               |       |         |
| Missouri Laying Mash.....                                                              | G                 | 20.00          | 3.50          | 6.50  | 42.00   |
| 34-9-129.....                                                                          | F                 | 22.19          | 5.41          | 4.98  | 48.72   |
| <b>Marlana Sales Co., Memphis, Tenn.</b>                                               |                   |                |               |       |         |
| White Mule Brand 41 % Protein Prime Cottonseed                                         |                   |                |               |       |         |
| Meal.....                                                                              | G                 | 41.00          | 6.00          | 10.00 | 26.00   |
| 34-1-89 <sup>1,4,5,6</sup> .....                                                       | F                 | 38.94          | 6.82          | 10.86 | 29.06   |
| 34-3-167 <sup>1,4,5,6,9,18</sup> .....                                                 | F                 | 39.03          | 7.57          | 10.25 | 28.79   |
| 34-7-151 <sup>4,9,18</sup> .....                                                       | F                 | 38.94          | 6.34          | 10.84 | 29.08   |
| <b>Market Exchange, Joplin, Mo.</b>                                                    |                   |                |               |       |         |
| Burto All-Mash Chick Ration.....                                                       | G                 | 16.00          | 4.00          | 5.00  | 50.00   |
| 34-8-93.....                                                                           | F                 | 18.31          | 6.15          | 3.90  | 56.63   |
| Burto 12 % Dairy Feed.....                                                             | G                 | 12.00          | 2.00          | 15.00 | 45.00   |
| 34-8-99.....                                                                           | F                 | 14.25          | 4.56          | 7.26  | 59.85   |
| Burto Egg Mash.....                                                                    | G                 | 18.00          | 4.00          | 8.00  | 45.00   |
| 34-8-94.....                                                                           | F                 | 20.69          | 6.63          | 4.19  | 58.93   |
| Burto Growing Mash.....                                                                | G                 | 16.00          | 5.00          | 6.00  | 55.00   |
| 34-8-92.....                                                                           | F                 | 18.19          | 6.02          | 3.83  | 57.20   |
| Marex 16 % Dairy Feed.....                                                             | G                 | 16.00          | 3.00          | 12.00 | 43.00   |
| 34-8-95.....                                                                           | F                 | 18.56          | 5.42          | 6.87  | 55.15   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |       |       |       |    |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|-------|-------|-------|----|
|                                                                                        | Protein                                             | Fat   | Fiber | N. F. | E. |
| <b>Marshfield Milling Co., Marshfield, Mo.</b>                                         |                                                     |       |       |       |    |
| Big Boy Mixed Feed.....                                                                | G 11.00                                             | 3.00  | 18.00 | 48.00 |    |
| 34-6-19 <sup>23</sup> .....                                                            | F 11.94                                             | 13.12 | 16.64 | 40.14 |    |
| 34-10-80 <sup>23</sup> .....                                                           | F 12.56                                             | 3.02  | 17.49 | 48.06 |    |
| Foster's Extra Quality 16 % Dairy Feed.....                                            | G 16.00                                             | 4.00  | 6.50  | 54.00 |    |
| 34-10-83 <sup>14,23</sup> .....                                                        | F 19.25                                             | 4.38  | 8.31  | 50.68 |    |
| Foster's Extra Quality Laying Mash.....                                                | G 18.00                                             | 4.00  | 5.00  | 51.50 |    |
| 34-6-21 <sup>23</sup> .....                                                            | F 20.75                                             | 4.15  | 4.48  | 51.34 |    |
| 34-10-81 <sup>14,23</sup> .....                                                        | F 20.19                                             | 5.42  | 4.64  | 49.48 |    |
| Foster's Extra Quality Mixed Feed.....                                                 | G 10.00                                             | 3.50  | 12.00 | 41.00 |    |
| 34-6-20 <sup>23</sup> .....                                                            | F 13.38                                             | 4.20  | 11.59 | 52.76 |    |
| 34-10-82 <sup>14,23,31</sup> .....                                                     | F 13.50                                             | 3.84  | 12.92 | 51.32 |    |
| Foster's Extra Quality Poultry Fattener.....                                           | G 12.50                                             | 5.00  | 7.00  | 60.00 |    |
| 34-10-84 <sup>15,23</sup> .....                                                        | F 14.25                                             | 5.50  | 5.03  | 60.18 |    |
| Special Dairy Feed.....                                                                | G 17.00                                             | 6.10  | 6.50  | 53.00 |    |
| 34-6-22 <sup>23</sup> .....                                                            | F 18.38                                             | 6.00  | 6.30  | 52.40 |    |
| <b>E. T. May, Steelville, Mo.</b>                                                      |                                                     |       |       |       |    |
| Screened Corn Chops.....                                                               | G 9.00                                              | 3.00  | 4.00  | 60.00 |    |
| 34-5-50 <sup>3</sup> .....                                                             | F 8.44                                              | 4.02  | 1.71  | 71.20 |    |
| <b>May Grain Co., Independence, Mo.</b>                                                |                                                     |       |       |       |    |
| Blue Ribbon Baby Chick Scratch. ....                                                   | G 10.00                                             | 3.00  | 4.50  | 67.00 |    |
| 34-9-145.....                                                                          | F 11.63                                             | 3.93  | 2.25  | 70.58 |    |
| Blue Ribbon Chick Mash with Dried Buttermilk and<br>Cod Liver Oil.....                 | G 15.00                                             | 4.00  | 5.50  | 53.00 |    |
| 34-9-144.....                                                                          | F 16.44                                             | 5.88  | 4.98  | 57.24 |    |
| Blue Ribbon Egg Mash with Dried Buttermilk and<br>Cod Liver Oil.....                   | G 19.00                                             | 4.00  | 7.00  | 47.00 |    |
| 34-1-204.....                                                                          | F 20.88                                             | 4.83  | 6.18  | 47.57 |    |
| 34-9-146.....                                                                          | F 20.81                                             | 5.97  | 7.46  | 45.52 |    |
| Blue Ribbon Growing Mash with Dried Buttermilk<br>and Cod Liver Oil.....               | G 15.00                                             | 4.50  | 5.50  | 55.00 |    |
| 34-9-147.....                                                                          | F 16.81                                             | 6.20  | 5.39  | 53.93 |    |
| Blue Ribbon Hen Scratch.....                                                           | G 10.00                                             | 2.50  | 4.00  | 68.00 |    |
| 34-1-205.....                                                                          | F 10.69                                             | 3.17  | 2.07  | 69.30 |    |
| Gold Star Dairy.....                                                                   | G 12.00                                             | 4.00  | 7.00  | 53.00 |    |
| 34-9-141.....                                                                          | F 14.06                                             | 4.83  | 6.93  | 56.79 |    |
| May's Blue Ribbon Dairy Feed.....                                                      | G 16.00                                             | 3.00  | 10.00 | 50.00 |    |
| 34-1-207.....                                                                          | F 15.60                                             | 3.03  | 7.65  | 54.60 |    |
| 34-9-138 <sup>8,9</sup> .....                                                          | F 15.63                                             | 3.93  | 11.60 | 52.67 |    |
| May's Special Dairy Feed.....                                                          | G 9.00                                              | 1.25  | 12.00 | 50.00 |    |
| 34-1-206.....                                                                          | F 10.13                                             | 2.20  | 9.81  | 58.07 |    |
| Maytag Fattening Mash.....                                                             | G 16.00                                             | 6.00  | 5.50  | 58.00 |    |
| 34-9-143 <sup>8,9</sup> .....                                                          | F 18.56                                             | 9.18  | 4.29  | 53.44 |    |
| Maytag Hen Scratch.....                                                                | G 10.00                                             | 3.00  | 4.00  | 65.00 |    |
| 34-9-137.....                                                                          | F 11.88                                             | 3.48  | 2.17  | 70.42 |    |
| Maytag Laying Mash.....                                                                | G 17.00                                             | 4.00  | 6.00  | 55.00 |    |
| 34-9-142 <sup>8,9</sup> .....                                                          | F 18.94                                             | 5.22  | 7.19  | 50.47 |    |
| Mermaid Chick Mash.....                                                                | G 18.00                                             | 5.00  | 4.00  | 50.00 |    |
| 34-9-140 <sup>8</sup> .....                                                            | F 19.31                                             | 5.46  | 5.24  | 54.10 |    |
| Mermaid Egg Mash.....                                                                  | G 18.00                                             | 4.00  | 7.00  | 50.00 |    |
| 34-9-139 <sup>8</sup> .....                                                            | F 21.56                                             | 4.83  | 5.43  | 49.40 |    |
| <b>May and Son Feed and Grain Co., Centalla, Mo.</b>                                   |                                                     |       |       |       |    |
| Egg-A-La Laying Mash.....                                                              | G 18.00                                             | 4.00  | 7.00  | 50.00 |    |
| 34-5-177.....                                                                          | F 20.25                                             | 5.97  | 7.17  | 49.56 |    |
| May's Egg Mash with Manamar.....                                                       | G 18.00                                             | 4.00  | 7.00  | 52.00 |    |
| 34-5-175.....                                                                          | F 19.69                                             | 5.05  | 6.43  | 49.15 |    |
| May's Special Laying Mash.....                                                         | G 17.00                                             | 3.00  | 11.00 | 50.00 |    |
| 34-5-178 <sup>8</sup> .....                                                            | F 17.75                                             | 4.66  | 8.58  | 51.17 |    |
| May's Starting Mash with Dried Buttermilk and Cod<br>Liver Oil.....                    | G 15.00                                             | 3.00  | 7.00  | 50.00 |    |
| 34-5-176 <sup>7,9</sup> .....                                                          | F 14.82                                             | 4.64  | 4.39  | 60.36 |    |

Manufacturer and Address  
Brand Name, Laboratory Number  
"Superior" Figure—see Key

Chemical Analyses  
% Guaranteed (G) and Found (F)  
Protein Fat Fiber N. F. E.

**Maysville Co-operative Association, Maysville, Mo.**

|                         |   |       |      |       |       |
|-------------------------|---|-------|------|-------|-------|
| Co-op Growing Mash..... | G | 18.00 | 3.00 | 4.00  | 57.00 |
| 34-3-247.....           | F | 20.75 | 5.20 | 4.38  | 50.05 |
| Co-op Laying Mash.....  | G | 18.00 | 3.50 | 10.00 | 40.00 |
| 34-3-248.....           | F | 21.63 | 5.85 | 8.07  | 42.27 |
| 34-12-65.....           | F | 23.50 | 4.83 | 7.70  | 44.25 |

**McConnell Produce, Appleton City, Mo.**

|                                               |   |       |      |      |       |
|-----------------------------------------------|---|-------|------|------|-------|
| McConnell's Missouri Formula Laying Mash..... | G | 20.00 | 4.20 | 6.00 | 45.00 |
| 34-11-98 <sup>2</sup> .....                   | F | 22.44 | 5.51 | 4.93 | 45.80 |

**S. W. McCracken Mill and Elevator Co., Flemington, Mo.**

|                                |   |       |      |      |       |
|--------------------------------|---|-------|------|------|-------|
| 5-in-1 Chick Starter Mash..... | G | 14.00 | 4.00 | 3.00 | 58.00 |
| 34-5-85 <sup>8</sup> .....     | F | 16.13 | 5.05 | 3.25 | 56.64 |
| 34-10-4.....                   | F | 16.00 | 4.66 | 3.09 | 59.26 |
| 6-in-1 Dairy Feed.....         | G | 18.00 | 4.00 | 8.00 | 55.00 |
| 34-5-87.....                   | F | 20.06 | 5.17 | 8.34 | 50.15 |
| 34-10-3 <sup>8</sup> .....     | F | 18.88 | 4.24 | 7.26 | 53.68 |
| 6-in-1 Growing Mash.....       | G | 20.00 | 5.00 | 4.50 | 47.00 |
| 34-5-86 <sup>8</sup> .....     | F | 19.81 | 5.86 | 4.20 | 48.61 |
| 5-in-1 Laying Mash.....        | G | 23.00 | 4.00 | 5.00 | 48.00 |
| 34-5-88.....                   | F | 22.81 | 6.04 | 4.93 | 44.08 |
| 34-9-252.....                  | F | 23.00 | 5.69 | 5.37 | 45.42 |

**McDaniel Milling Co., Carthage, Mo.**

|                                              |   |       |      |       |       |
|----------------------------------------------|---|-------|------|-------|-------|
| Corn Feed Meal.....                          | G | 9.50  | 7.00 | 6.00  | 63.00 |
| 34-9-7 <sup>9</sup> .....                    | F | 8.50  | 4.31 | 1.65  | 72.72 |
| Dixie Doe Wheat Gray Shorts.....             | G | 16.00 | 4.00 | 4.28  | 60.38 |
| 34-7-18 <sup>4,5,23</sup> .....              | F | 17.50 | 4.76 | 3.61  | 61.02 |
| 34-9-2 <sup>9</sup> .....                    | F | 16.19 | 4.43 | 3.10  | 63.04 |
| Globe Mixed Feed.....                        | G | 14.00 | 4.00 | 9.00  | 57.20 |
| 34-1-11 <sup>6,9</sup> .....                 | F | 16.38 | 4.30 | 8.41  | 55.03 |
| 34-9-3 <sup>9,10</sup> .....                 | F | 16.81 | 5.09 | 9.06  | 52.23 |
| Hominy Feed.....                             | G | 10.00 | 7.00 | 7.00  | 57.00 |
| 34-2-114 <sup>4,5</sup> .....                | F | 11.50 | 7.63 | 4.32  | 61.04 |
| 34-9-6 <sup>9,10</sup> .....                 | F | 10.81 | 7.00 | 5.99  | 65.41 |
| Mack's Extra Fancy Laying Mash.....          | G | 18.00 | 4.00 | 7.00  | 51.00 |
| 34-2-116 <sup>1,16</sup> .....               | F | 18.13 | 4.91 | 6.79  | 36.36 |
| Screened Corn Chops.....                     | G | 7.50  | 2.80 | 5.00  | 70.00 |
| 34-2-115 <sup>7,21</sup> .....               | F | 9.13  | 3.53 | 1.79  | 70.29 |
| 34-9-5 <sup>9,10</sup> .....                 | F | 9.25  | 3.87 | 1.93  | 72.15 |
| Wheat Bran and Millrun Wheat Screenings..... | G | 15.50 | 4.00 | 9.00  | 55.00 |
| 34-2-113 <sup>4,5,9</sup> .....              | F | 15.81 | 4.22 | 10.07 | 52.56 |
| 34-9-4 <sup>9</sup> .....                    | F | 18.25 | 4.19 | 9.26  | 51.26 |

**C. M. McWilliams, Jackson, Mo.**

|                                           |   |       |      |      |       |
|-------------------------------------------|---|-------|------|------|-------|
| Byrd's Growing Mash with Buttermilk.....  | G | 15.00 | 4.00 | 5.60 | 50.00 |
| 34-6-94 <sup>8</sup> .....                | F | 17.13 | 5.25 | 4.22 | 53.48 |
| Byrd's Starting Mash with Buttermilk..... | G | 15.50 | 3.50 | 5.40 | 55.00 |
| 34-6-93.....                              | F | 16.69 | 4.48 | 5.17 | 55.38 |
| Hi-Pro (High Protein) Laying Mash.....    | G | 20.00 | 4.00 | 8.00 | 50.00 |
| 34-6-95 <sup>9</sup> .....                | F | 18.79 | 4.65 | 6.01 | 50.82 |
| 34-11-72.....                             | F | 19.72 | 5.59 | 6.24 | 48.73 |
| M-Q Hen Scratch.....                      | G | 11.00 | 4.00 | 5.00 | 65.00 |
| 34-6-92 <sup>4,5,10,23</sup> .....        | F | 10.06 | 4.14 | 2.87 | 68.41 |
| Screened Corn Chops.....                  | G | 9.00  | 3.00 | 3.00 | 68.00 |
| 34-6-96.....                              | F | 8.81  | 4.20 | 2.42 | 69.20 |

**Memphis Packing Corp., Memphis, Tenn.**

|                                       |   |       |       |      |      |
|---------------------------------------|---|-------|-------|------|------|
| Quality Brand Meat and Bone Meal..... | G | 50.00 | 2.00  | 5.00 | 5.00 |
| 34-4-156.....                         | F | 50.00 | 12.64 | 1.05 | 0.00 |

**Merkel Bros. and Co., Bourbon, Mo.**

|                                  |   |      |      |      |       |
|----------------------------------|---|------|------|------|-------|
| Corn Chops.....                  | G | 8.50 | 3.50 | 2.50 | 72.50 |
| 34-5-52 <sup>3,4,5,9</sup> ..... | F | 8.63 | 3.95 | 2.01 | 70.97 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |         |      |       |          |
|----------------------------------------------------------------------------------------|--------------------------------|---------|------|-------|----------|
|                                                                                        | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber | N. F. E. |
| Merkel Egg Maker.....                                                                  | G                              | 17.50   | 4.30 | 4.50  | 49.50    |
| 34-5-54 <sup>9</sup> .....                                                             | F                              | 18.81   | 5.23 | 7.58  | 50.05    |
| 34-11-28 <sup>8,14,15,32</sup> .....                                                   | F                              | 18.81   | 5.59 | 7.81  | 51.55    |
| Wheat Mixed Feed.....                                                                  | G                              | 16.50   | 4.40 | 7.00  | 56.50    |
| 34-5-51 <sup>4,5</sup> .....                                                           | F                              | 15.94   | 5.08 | 6.96  | 56.96    |
| 34-11-27.....                                                                          | F                              | 15.75   | 4.49 | 8.15  | 56.68    |
| White Wheat Shorts.....                                                                | G                              | 13.50   | 2.50 | 1.50  | 69.50    |
| 34-5-53 <sup>4,5</sup> .....                                                           | F                              | 13.75   | 2.14 | 1.24  | 69.50    |
| 34-11-26 <sup>4,5,10</sup> .....                                                       | F                              | 14.38   | 2.86 | 1.58  | 69.02    |
| <b>Meyer-Blair Milling Co., Springfield, Mo.</b>                                       |                                |         |      |       |          |
| Albatross Wheat Bran with Wheat Screenings not<br>Exceeding Mill-run or 8%.....        | G                              | 15.00   | 3.50 | 11.00 | 50.00    |
| 34-4-246 <sup>9</sup> .....                                                            | F                              | 15.69   | 4.58 | 9.56  | 56.51    |
| Albatross Wheat Gray Shorts with Wheat Screenings<br>not Exceeding Mill-run or 8%..... | G                              | 16.00   | 4.00 | 6.00  | 58.00    |
| 34-4-247.....                                                                          | F                              | 16.56   | 4.24 | 4.42  | 64.03    |
| Model Wheat Bran with Wheat Screenings not Exceed-<br>ing Mill-run or 8%.....          | G                              | 15.00   | 3.50 | 11.00 | 50.00    |
| 34-4-248.....                                                                          | F                              | 17.00   | 3.75 | 8.59  | 56.79    |
| Model Wheat Gray Shorts with Wheat Screenings<br>not Exceeding Mill-run or 8%.....     | G                              | 16.00   | 4.00 | 6.00  | 58.00    |
| 34-4-249.....                                                                          | F                              | 18.81   | 4.35 | 5.37  | 58.72    |
| Model Wheat Mixed Feed with Wheat Screenings not<br>Exceeding Mill-run or 8%.....      | G                              | 15.50   | 3.50 | 8.50  | 54.00    |
| 34-4-250.....                                                                          | F                              | 17.56   | 4.03 | 7.59  | 56.38    |
| <b>Meyer Morfeld Milling Co., Bonnots Mill, Mo.</b>                                    |                                |         |      |       |          |
| Gray Wheat Shorts.....                                                                 | G                              | 16.75   | 3.75 | 4.00  | 61.25    |
| 34-5-194.....                                                                          | F                              | 17.44   | 5.02 | 4.45  | 56.07    |
| M. M. M. Chick Starter.....                                                            | G                              | 16.00   | 3.75 | 5.00  | 55.00    |
| 34-5-195.....                                                                          | F                              | 17.13   | 5.19 | 3.25  | 57.52    |
| M. M. M. Laying Mash.....                                                              | G                              | 18.00   | 4.00 | 7.00  | 44.00    |
| 34-1-145 <sup>4,5</sup> .....                                                          | F                              | 21.25   | 6.30 | 5.98  | 45.16    |
| Manamar Laying Mash.....                                                               | G                              | 17.00   | 4.50 | 7.50  | 47.00    |
| 34-10-163.....                                                                         | F                              | 19.44   | 4.76 | 6.28  | 49.08    |
| Wheat Bran, Corn Bran and Wheat Screenings, not<br>Exceeding Mill-run.....             | G                              | 14.00   | 3.50 | 11.00 | 55.00    |
| 34-5-192.....                                                                          | F                              | 14.63   | 5.23 | 8.81  | 54.10    |
| Wheat Bran and Wheat Screenings not Exceeding<br>Mill-run.....                         | G                              | 14.50   | 2.50 | 11.00 | 55.00    |
| 34-5-193.....                                                                          | F                              | 15.81   | 4.09 | 8.59  | 53.38    |
| 34-10-164 <sup>23</sup> .....                                                          | F                              | 15.94   | 4.33 | 8.35  | 53.55    |
| <b>Midland Flour Milling Co., Kansas City, Mo.</b>                                     |                                |         |      |       |          |
| Town Crier Flour Middlings (Gray Shorts) with<br>with Ground Wheat Screenings.....     | G                              | 16.00   | 3.75 | 5.50  | 54.00    |
| 34-2-145.....                                                                          | F                              | 18.25   | 4.85 | 5.06  | 55.75    |
| 34-4-121.....                                                                          | F                              | 17.75   | 4.18 | 5.21  | 55.85    |
| 34-7-6.....                                                                            | F                              | 17.25   | 3.96 | 4.20  | 59.90    |
| 34-7-40.....                                                                           | F                              | 18.13   | 3.87 | 4.92  | 57.56    |
| Town Crier Little Pig Middlings—Pure Wheat White<br>Middlings—No Screenings.....       | G                              | 16.50   | 4.00 | 4.00  | 62.00    |
| 34-7-39.....                                                                           | F                              | 17.63   | 4.16 | 2.85  | 61.02    |
| Town Crier Pure Wheat Bran.....                                                        | G                              | 16.00   | 3.50 | 10.00 | 49.00    |
| 34-7-7.....                                                                            | F                              | 16.88   | 4.51 | 9.76  | 51.63    |
| 34-7-38.....                                                                           | F                              | 16.63   | 4.21 | 10.18 | 49.02    |
| Town Crier Standard Middlings (Brown Shorts) with<br>Ground Wheat Screenings.....      | G                              | 16.00   | 3.50 | 8.00  | 49.00    |
| 34-7-37.....                                                                           | F                              | 18.37   | 3.98 | 5.10  | 56.31    |
| Town Crier Wheat Mixed Feed with Ground Wheat<br>Screenings.....                       | G                              | 16.00   | 3.50 | 9.00  | 49.00    |
| 34-7-41.....                                                                           | F                              | 18.50   | 4.31 | 7.54  | 52.93    |
| <b>John P. Milbank, Chillicothe, Mo.</b>                                               |                                |         |      |       |          |
| Diamond Chick Starter.....                                                             | G                              | 17.50   | 4.00 | 4.00  | 54.00    |
| 34-5-166.....                                                                          | F                              | 18.00   | 5.55 | 3.40  | 52.91    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |       |       |       |    |
|----------------------------------------------------------------------------------------|--------------------------------|-------|-------|-------|----|
|                                                                                        | % Guaranteed (G) and Found (F) |       |       |       |    |
|                                                                                        | Protein                        | Fat   | Fiber | N. F. | E. |
| Diamond 15 % Dairy Ration.....                                                         | G 15.00                        | 4.00  | 11.00 | 48.00 |    |
| 34-5-165.....                                                                          | F 14.50                        | 5.37  | 6.00  | 58.78 |    |
| Diamond Growing Mash.....                                                              | G 16.50                        | 4.00  | 4.00  | 48.00 |    |
| 34-5-167 <sup>8,9</sup> .....                                                          | F 17.44                        | 5.34  | 3.50  | 51.94 |    |
| Diamond Laying Mash.....                                                               | G 20.00                        | 4.00  | 6.50  | 45.00 |    |
| 34-5-168.....                                                                          | F 21.31                        | 5.50  | 4.80  | 47.83 |    |
| Economy Laying Mash.....                                                               | G 17.00                        | 4.00  | 7.00  | 50.00 |    |
| 34-5-169.....                                                                          | F 18.00                        | 5.60  | 5.33  | 52.02 |    |
| 34-12-73.....                                                                          | G 19.19                        | 4.97  | 5.19  | 52.44 |    |
| Missouri Formula "All Mash" Chick Starter.....                                         | G 14.50                        | 3.00  | 5.00  | 50.00 |    |
| 34-5-164 <sup>7</sup> .....                                                            | F 15.69                        | 5.84  | 3.46  | 58.13 |    |
| Wheat Bran and Mill-run Ground Wheat Screenings<br>not Exceeding Mill run.....         | G 14.84                        | 3.19  | 9.54  | 55.97 |    |
| 34-12-74.....                                                                          | F 17.00                        | 4.91  | 9.17  | 50.91 |    |
| Wheat Gray Shorts.....                                                                 | G 15.50                        | 4.00  | 4.50  | 58.00 |    |
| 34-12-75 <sup>15</sup> .....                                                           | F 17.81                        | 5.86  | 4.56  | 58.03 |    |
| <b>Mlibank-Scampton Milling Co., Moberly, Mo.</b>                                      |                                |       |       |       |    |
| Economy Chick Starter.....                                                             | G 16.00                        | 3.50  | 4.50  | 47.00 |    |
| 34-3-120 <sup>8,10</sup> .....                                                         | F 16.88                        | 5.39  | 4.05  | 54.10 |    |
| Economy 16 % Cow Feed.....                                                             | G 16.00                        | 3.50  | 12.00 | 42.00 |    |
| 34-3-118.....                                                                          | F 18.06                        | 4.38  | 11.19 | 46.34 |    |
| Economy Laying Mash.....                                                               | G 17.00                        | 4.00  | 7.00  | 45.00 |    |
| 34-3-119.....                                                                          | F 17.94                        | 5.40  | 6.15  | 51.49 |    |
| <b>Miller Cereal Mills, Omaha, Neb.</b>                                                |                                |       |       |       |    |
| Hominy Feed.....                                                                       | G 11.00                        | 7.00  | 4.50  | 60.50 |    |
| 34-9-46 <sup>3,7,23</sup> .....                                                        | F 11.31                        | 8.03  | 5.18  | 63.16 |    |
| <b>Miller Milling Co., Miller, Mo.</b>                                                 |                                |       |       |       |    |
| Corn Feed Meal.....                                                                    | G 9.00                         | 3.00  | 3.50  | 69.50 |    |
| 34-4-48 <sup>4,5</sup> .....                                                           | F 9.50                         | 4.68  | 1.78  | 69.75 |    |
| Hood's Mixed Feed.....                                                                 | G 10.00                        | 3.00  | 11.00 | 58.00 |    |
| 34-4-44.....                                                                           | F 12.50                        | 4.89  | 6.98  | 60.51 |    |
| Hood's Special Chick Starter Mash.....                                                 | G 15.97                        | 3.81  | 4.81  | 57.63 |    |
| 34-4-47 <sup>4,5,9</sup> .....                                                         | F 16.31                        | 4.82  | 3.63  | 58.20 |    |
| Hood's Special Egg Mash.....                                                           | G 17.06                        | 4.61  | 8.05  | 50.82 |    |
| 34-4-46 <sup>4,5</sup> .....                                                           | F 18.75                        | 5.54  | 6.78  | 50.93 |    |
| Hood's Special Mixed Feed.....                                                         | G 10.89                        | 2.78  | 11.96 | 57.31 |    |
| 34-4-45 <sup>4,5,8</sup> .....                                                         | F 13.69                        | 4.74  | 10.21 | 54.85 |    |
| Steel-Cut Corn Chops.....                                                              | G 9.00                         | 3.00  | 3.00  | 70.00 |    |
| 34-4-43 <sup>4,5</sup> .....                                                           | F 9.81                         | 4.60  | 1.64  | 70.22 |    |
| <b>Millstadt Milling Co., Millstadt, Ill.</b>                                          |                                |       |       |       |    |
| Palace Corn Bran.....                                                                  | G 9.00                         | 9.00  | 12.00 | 50.00 |    |
| 34-12-26.....                                                                          | F 10.25                        | 13.78 | 9.47  | 58.81 |    |
| <b>Minnesota Linseed Oil Co., Minneapolis, Minn.</b>                                   |                                |       |       |       |    |
| 34 % Pure Old Process Linseed Meal.....                                                | G 34.00                        | 4.50  | 9.00  | 33.00 |    |
| 34-10-123.....                                                                         | F 36.56                        | 7.57  | 8.98  | 33.01 |    |
| 37 % Protein Pure Old Process Linseed Meal.....                                        | G 37.00                        | 4.50  | 9.00  | 32.00 |    |
| 34-5-103.....                                                                          | F 34.50                        | 5.07  | 8.53  | 36.06 |    |
| <b>Missouri Cotton Oil Co., Cairo, Ill.</b>                                            |                                |       |       |       |    |
| Mo-Co Brand Prime 43 % Protein Cottonseed Meal...                                      | G 43.00                        | 5.50  | 12.00 | 26.00 |    |
| 34-3-150 <sup>7,9,19</sup> .....                                                       | F 43.00                        | 6.54  | 8.65  | 26.66 |    |
| <b>M. F. A. Co-operative Association, Cairo, Mo.</b>                                   |                                |       |       |       |    |
| Cairo Maid Egg Mash.....                                                               | G 16.00                        | 3.00  | 8.00  | 48.00 |    |
| 34-12-77.....                                                                          | F 20.38                        | 5.88  | 5.67  | 47.71 |    |
| <b>M. F. A. Association of Dunnegan, Dunnegan, Mo.</b>                                 |                                |       |       |       |    |
| Graded (or Screened) Corn Chop.....                                                    | G 9.00                         | 3.50  | 3.50  | 65.00 |    |
| 34-5-79.....                                                                           | F 9.00                         | 3.53  | 1.21  | 71.80 |    |
| 34-10-7.....                                                                           | F 9.13                         | 3.50  | 1.56  | 73.25 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |      |       |          |
|----------------------------------------------------------------------------------------|-------------------|------|-------|----------|
|                                                                                        | % Guaranteed (G)  | Fat  | Fiber | N. F. E. |
| <b>M. F. A. Co-operative Association, Higginsville, Mo.</b>                            |                   |      |       |          |
| Hazel Dell Chick Grains.....                                                           | G 10.00           | 2.50 | 3.25  | 64.00    |
| 34-11-22.....                                                                          | F 11.81           | 4.25 | 1.72  | 71.00    |
| Hazel Dell Growing Mash.....                                                           | G 18.00           | 3.50 | 7.00  | 45.00    |
| 34-11-23 <sup>8</sup> .....                                                            | F 20.63           | 5.54 | 5.61  | 48.56    |
| Hazel Dell Laying Mash No. 1.....                                                      | G 17.00           | 3.50 | 8.00  | 45.80    |
| 34-11-20.....                                                                          | F 17.06           | 4.70 | 6.18  | 54.94    |
| Hazel Dell Laying Mash No. 2.....                                                      | G 17.00           | 3.50 | 7.50  | 48.00    |
| 34-11-21 <sup>8</sup> .....                                                            | F 20.06           | 5.61 | 6.54  | 49.00    |
| <b>Missouri Farmers Association, Kansas City, Mo.</b>                                  |                   |      |       |          |
| Columbian Laying Mash.....                                                             | G 18.00           | 5.00 | 7.00  | 46.50    |
| 34-9-51.....                                                                           | F 19.94           | 5.16 | 7.55  | 49.99    |
| Columbian Scratch Feed.....                                                            | G 9.50            | 2.50 | 5.00  | 55.00    |
| 34-11-121.....                                                                         | F 10.13           | 4.59 | 1.92  | 71.77    |
| M. F. A. Chick to Hen.....                                                             | G 16.00           | 4.50 | 6.00  | 53.00    |
| 34-9-171.....                                                                          | F 16.88           | 5.81 | 6.94  | 56.17    |
| M. F. A. Chick Scratch.....                                                            | G 10.00           | 2.50 | 5.00  | 55.00    |
| 34-3-251.....                                                                          | F 12.13           | 3.67 | 1.77  | 68.57    |
| M. F. A. Dairy Ration 16 %.....                                                        | G 16.00           | 3.50 | 12.00 | 45.00    |
| 34-10-137.....                                                                         | F 17.60           | 3.59 | 9.51  | 48.77    |
| M. F. A. Laying Mash with Buttermilk.....                                              | G 18.00           | 4.00 | 7.00  | 40.00    |
| 34-2-61.....                                                                           | F 18.88           | 5.46 | 5.93  | 52.42    |
| M. F. A. Pure Wheat Bran.....                                                          | G 16.00           | 3.50 | 11.00 | 50.00    |
| 34-2-58.....                                                                           | F 15.60           | 5.04 | 9.61  | 50.32    |
| 34-9-169.....                                                                          | F 16.56           | 4.44 | 11.21 | 48.69    |
| M. F. A. Wheat Gray Shorts and Wheat Screenings<br>not Exceeding 8 %.....              | G 16.00           | 4.00 | 6.00  | 57.00    |
| 34-2-59.....                                                                           | F 17.25           | 4.73 | 6.20  | 56.23    |
| 34-9-170.....                                                                          | F 18.75           | 4.66 | 6.79  | 54.14    |
| <b>M. F. A. Co-operative Association, Moberly, Mo.</b>                                 |                   |      |       |          |
| M. F. A. Dairy Feed.....                                                               | G 11.50           | 2.75 | 12.50 | 56.00    |
| 34-2-165.....                                                                          | F 14.00           | 3.88 | 10.07 | 54.31    |
| 34-12-80 <sup>14</sup> .....                                                           | F 11.75           | 5.14 | 11.90 | 56.19    |
| Missouri Hen Laying Mash.....                                                          | G 16.00           | 4.00 | 9.00  | 55.00    |
| 34-2-164.....                                                                          | F 15.19           | 5.06 | 10.66 | 51.13    |
| 34-12-81 <sup>14</sup> .....                                                           | F 16.25           | 6.49 | 8.11  | 53.03    |
| M. F. A. Hen Scratch.....                                                              | G 10.75           | 2.75 | 2.25  | 70.00    |
| 34-12-82.....                                                                          | F 11.13           | 4.74 | 2.40  | 70.52    |
| <b>Missouri Farmers Co-operative Assn., Perry, Mo.</b>                                 |                   |      |       |          |
| All-Mash Chick Starter.....                                                            | G 15.56           | 4.40 | 3.34  | 49.40    |
| 34-5-110 <sup>7,10</sup> .....                                                         | F 16.31           | 5.80 | 3.12  | 57.25    |
| Missouri Formula Egg Mash.....                                                         | G 18.00           | 5.00 | 7.00  | 47.00    |
| 34-3-136 <sup>1,7</sup> .....                                                          | F 19.75           | 5.38 | 5.61  | 49.00    |
| 34-10-52 <sup>7</sup> .....                                                            | F 20.50           | 5.49 | 6.16  | 47.64    |
| Missouri Formula Growing Mash.....                                                     | G 17.00           | 3.25 | 6.00  | 46.00    |
| 34-10-53 <sup>7,8</sup> .....                                                          | F 19.25           | 5.14 | 6.00  | 49.44    |
| <b>M. F. A. Milling Co., Springfield, Mo.</b>                                          |                   |      |       |          |
| Blue Ribbon Egg Mash.....                                                              | G 16.00           | 4.50 | 8.00  | 48.70    |
| 34-2-253.....                                                                          | F 17.00           | 5.06 | 5.81  | 52.55    |
| 34-4-95.....                                                                           | F 17.44           | 5.92 | 5.99  | 51.28    |
| 34-11-187.....                                                                         | F 18.06           | 5.15 | 6.32  | 50.13    |
| Blue Ribbon Hen Scratch.....                                                           | G 10.00           | 2.50 | 5.00  | 62.00    |
| 34-4-159.....                                                                          | F 9.69            | 3.19 | 1.75  | 70.79    |
| Blue Ribbon Horse and Mule Feed.....                                                   | G 12.00           | 3.25 | 14.00 | 46.00    |
| 34-4-103.....                                                                          | F 9.06            | 2.62 | 12.20 | 59.86    |
| Blue Ribbon Mixed Feed.....                                                            | G 12.00           | 4.00 | 12.00 | 52.00    |
| 34-1-252.....                                                                          | F 13.19           | 4.51 | 10.74 | 48.88    |
| 34-4-90.....                                                                           | F 13.31           | 4.41 | 10.90 | 52.68    |
| Graded and Screened Steel-Cut Poultry Chops.....                                       | G 8.80            | 3.50 | 6.80  | 64.40    |
| 34-4-108 <sup>10</sup> .....                                                           | F 9.56            | 3.64 | 1.51  | 69.85    |
| 34-11-186 <sup>23</sup> .....                                                          | F 9.63            | 3.97 | 1.29  | 72.93    |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |          |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|----------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |          |
|                                                                                        |                   | Protein        | Fat           | Fiber | N. F. E. |
| Hominy Feed . . . . .                                                                  | G                 | 11.00          | 7.00          | 5.50  | 60.00    |
| 34-1-275 . . . . .                                                                     | F                 | 10.00          | 6.10          | 6.53  | 65.50    |
| 34-2-249 . . . . .                                                                     | F                 | 9.69           | 6.22          | 7.58  | 65.05    |
| M. F. A. All Farmers Mash . . . . .                                                    | G                 | 16.00          | 4.00          | 8.00  | 50.00    |
| 34-4-99 . . . . .                                                                      | F                 | 20.38          | 5.08          | 6.60  | 47.51    |
| M. F. A. All-Mash Chick Ration . . . . .                                               | G                 | 18.00          | 5.00          | 5.40  | 48.30    |
| 34-4-92 . . . . .                                                                      | F                 | 18.63          | 6.36          | 3.71  | 52.45    |
| M. F. A. Calf Meal . . . . .                                                           | G                 | 24.00          | 5.00          | 6.00  | 52.00    |
| 34-4-106 . . . . .                                                                     | F                 | 29.63          | 4.85          | 3.59  | 46.31    |
| M. F. A. Chick Feed . . . . .                                                          | G                 | 10.00          | 2.50          | 5.00  | 65.00    |
| 34-4-158 . . . . .                                                                     | F                 | 10.69          | 3.00          | 1.22  | 71.47    |
| M. F. A. Chick-to-Hen Mash (with Buttermilk) . . . . .                                 | G                 | 16.00          | 3.00          | 5.00  | 54.00    |
| 34-4-93 . . . . .                                                                      | F                 | 20.19          | 5.82          | 4.17  | 51.89    |
| M. F. A. 16 % Dairy Feed . . . . .                                                     | G                 | 16.00          | 3.60          | 11.00 | 52.50    |
| 34-2-89 . . . . .                                                                      | F                 | 16.25          | 3.41          | 9.76  | 51.59    |
| 34-2-252 . . . . .                                                                     | F                 | 16.82          | 3.95          | 10.45 | 48.63    |
| 34-4-101 . . . . .                                                                     | F                 | 17.56          | 3.16          | 8.55  | 50.86    |
| M. F. A. 24 % Dairy Feed . . . . .                                                     | G                 | 24.00          | 3.50          | 12.00 | 45.00    |
| 34-4-104 <sup>8,9</sup> . . . . .                                                      | F                 | 24.31          | 3.54          | 7.49  | 45.96    |
| M. F. A. Developing Grains . . . . .                                                   | G                 | 10.00          | 2.50          | 6.50  | 65.00    |
| 34-4-160 . . . . .                                                                     | F                 | 10.75          | 3.53          | 1.83  | 71.05    |
| M. F. A. Developing Mash (with Buttermilk) . . . . .                                   | G                 | 18.00          | 4.50          | 5.00  | 55.00    |
| 34-4-94 <sup>8</sup> . . . . .                                                         | F                 | 17.81          | 5.56          | 3.75  | 54.18    |
| M. F. A. Hen Scratch . . . . .                                                         | G                 | 10.00          | 2.50          | 5.00  | 62.00    |
| 34-4-107 . . . . .                                                                     | F                 | 10.50          | 3.79          | 1.77  | 69.37    |
| M. F. A. Laying Mash with Buttermilk . . . . .                                         | G                 | 20.00          | 4.00          | 6.50  | 48.00    |
| 34-2-254 . . . . .                                                                     | F                 | 21.06          | 5.29          | 5.46  | 47.81    |
| 34-4-96 . . . . .                                                                      | F                 | 20.56          | 5.96          | 5.98  | 47.00    |
| M. F. A. Live Car Feed . . . . .                                                       | G                 | 14.00          | 4.00          | 5.50  | 60.50    |
| 34-4-102 . . . . .                                                                     | F                 | 15.38          | 4.67          | 5.39  | 61.44    |
| M. F. A. Pig Meal . . . . .                                                            | G                 | 26.00          | 4.80          | 7.40  | 45.00    |
| 34-4-105 . . . . .                                                                     | F                 | 28.75          | 4.80          | 5.27  | 37.80    |
| M. F. A. Poultry Mash . . . . .                                                        | G                 | 18.00          | 5.00          | 6.50  | 46.70    |
| 34-4-97 . . . . .                                                                      | F                 | 19.31          | 5.44          | 5.50  | 50.16    |
| M. F. A. Station Feed . . . . .                                                        | G                 | 14.00          | 4.00          | 5.40  | 60.00    |
| 34-4-98 . . . . .                                                                      | F                 | 15.06          | 4.45          | 4.99  | 62.11    |
| M. F. A. Supreme Chick Starter . . . . .                                               | G                 | 15.00          | 4.50          | 3.20  | 64.00    |
| 34-4-91 . . . . .                                                                      | F                 | 17.19          | 5.96          | 3.79  | 59.51    |
| M. F. A. Wheat Gray Shorts with Ground Wheat Screenings . . . . .                      | G                 | 16.00          | 3.50          | 6.00  | 56.50    |
| 34-1-253 . . . . .                                                                     | F                 | 18.94          | 5.01          | 5.94  | 53.61    |
| 34-2-247 <sup>9</sup> . . . . .                                                        | F                 | 18.50          | 4.52          | 6.53  | 54.05    |
| M. F. A. Wheat Mixed Feed with Ground Wheat Screenings . . . . .                       | G                 | 16.00          | 4.00          | 8.50  | 52.00    |
| 34-2-245 . . . . .                                                                     | F                 | 18.00          | 4.54          | 8.24  | 51.28    |
| 34-4-100 . . . . .                                                                     | F                 | 17.00          | 4.06          | 6.42  | 53.61    |
| 34-11-182 . . . . .                                                                    | F                 | 17.44          | 4.74          | 7.92  | 52.82    |
| Wheat Bran with Ground Wheat Screenings . . . . .                                      | G                 | 15.00          | 3.50          | 11.00 | 47.00    |
| 34-2-246 . . . . .                                                                     | F                 | 17.19          | 4.54          | 9.98  | 49.35    |
| 34-11-183 . . . . .                                                                    | F                 | 17.56          | 4.34          | 9.45  | 51.10    |
| <b>Missouri Valley Milling Co., Osage City, Mo.</b>                                    |                   |                |               |       |          |
| Brown Wheat Shorts with Ground Wheat Screenings not Exceeding Mill-run . . . . .       | G                 | 16.00          | 3.50          | 7.50  | 53.00    |
| 34-10-161 <sup>23</sup> . . . . .                                                      | F                 | 18.19          | 5.10          | 6.89  | 55.02    |
| Wheat Bran and Ground Wheat Screenings not Exceeding Mill run . . . . .                | G                 | 14.50          | 3.50          | 11.00 | 47.00    |
| 34-10-162 <sup>23</sup> . . . . .                                                      | F                 | 18.44          | 4.56          | 9.81  | 49.63    |
| <b>A. L. Mitchell Produce Co., Wishart, Mo.</b>                                        |                   |                |               |       |          |
| A. L. Mitchell's Egg Mash . . . . .                                                    | G                 | 16.00          | 4.00          | 10.00 | 49.00    |
| 34-5-71 <sup>2</sup> . . . . .                                                         | F                 | 19.19          | 5.39          | 11.24 | 47.45    |
| 34-9-223 <sup>25</sup> . . . . .                                                       | F                 | 19.25          | 5.08          | 6.42  | 52.54    |
| <b>Mitchell Seed Co., St. Joseph, Mo.</b>                                              |                   |                |               |       |          |
| Superior Brand Poultry Feed . . . . .                                                  | G                 | 10.00          | 2.50          | 6.00  | 54.00    |
| 34-5-28 . . . . .                                                                      | F                 | 11.00          | 3.95          | 2.28  | 70.24    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |          |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|----------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |          |
|                                                                                        |                   | Protein        | Fat           | Fiber | N. F. E. |
| Tip Top Brand Chick Feed.....                                                          | G                 | 10.00          | 2.50          | 6.00  | 54.00    |
| 34-5-29.....                                                                           | F                 | 10.56          | 4.15          | 4.13  | 67.01    |
| <b>Model Mill Co., Sallsbury, Mo.</b>                                                  |                   |                |               |       |          |
| Pure Soft Wheat Bran.....                                                              | G                 | 14.00          | 3.50          | 11.00 | 47.00    |
| 34-10-133 <sup>7</sup> .....                                                           | F                 | 16.25          | 4.72          | 11.53 | 51.01    |
| Pure Soft Wheat Gray Shorts.....                                                       | G                 | 15.00          | 3.50          | 6.00  | 55.00    |
| 34-10-134 <sup>7</sup> .....                                                           | F                 | 18.13          | 5.50          | 7.57  | 54.46    |
| <b>Monarch Milling Co., Kansas City, Mo.</b>                                           |                   |                |               |       |          |
| County Fair Winter Wheat Bran with Ground Wheat                                        |                   |                |               |       |          |
| Screenings not to Exceed Mill-run or 8 %.....                                          | G                 | 15.00          | 3.50          | 11.00 | 47.00    |
| 34-1-269.....                                                                          | F                 | 17.25          | 4.23          | 10.30 | 48.81    |
| County Fair Winter Wheat Gray Shorts with Ground                                       |                   |                |               |       |          |
| Wheat Screenings not to Exceed Mill-run or 8 %.....                                    | G                 | 16.00          | 3.50          | 6.00  | 56.50    |
| 34-1-267.....                                                                          | F                 | 19.63          | 6.34          | 5.84  | 51.73    |
| 34-2-241.....                                                                          | F                 | 19.00          | 4.99          | 6.40  | 52.94    |
| County Fair Winter Wheat Mixed Feed with Ground                                        |                   |                |               |       |          |
| Wheat Screenings not to Exceed Mill-run or 8 %.....                                    | G                 | 16.00          | 4.00          | 8.50  | 52.00    |
| 34-7-104.....                                                                          | F                 | 18.06          | 5.50          | 8.55  | 52.61    |
| <b>Monroe Produce Co., Belton, Mo.</b>                                                 |                   |                |               |       |          |
| New Deal Laying Mash.....                                                              | G                 | 18.00          | 4.50          | 6.00  | 50.00    |
| 34-10-39 <sup>39</sup> .....                                                           | F                 | 13.19          | 4.56          | 6.46  | 61.12    |
| <b>Moore and Son, Carthage, Mo.</b>                                                    |                   |                |               |       |          |
| Moore's Special Dairy Feed.....                                                        | G                 | 15.50          | 4.40          | 5.00  | 58.00    |
| 34-2-135 <sup>2</sup> .....                                                            | F                 | 16.69          | 5.37          | 5.34  | 56.39    |
| 34-8-216.....                                                                          | F                 | 16.50          | 4.99          | 7.93  | 56.68    |
| Moore's Special Laying Mash.....                                                       | G                 | 18.00          | 5.00          | 6.00  | 51.00    |
| 34-2-137 <sup>2</sup> .....                                                            | F                 | 19.67          | 5.14          | 4.46  | 50.58    |
| 34-9-1 <sup>4,5,23</sup> .....                                                         | F                 | 18.19          | 5.38          | 4.14  | 55.22    |
| Moore's Special Scratch Grain.....                                                     | G                 | 10.00          | 2.80          | 2.50  | 69.00    |
| 34-2-136 <sup>1,2,10</sup> .....                                                       | F                 | 10.88          | 3.39          | 1.94  | 69.30    |
| 34-8-215 <sup>23</sup> .....                                                           | F                 | 11.50          | 3.57          | 2.19  | 71.77    |
| <b>Morrilton Cotton Oil Mill, Morrilton, Ark.</b>                                      |                   |                |               |       |          |
| Star Brand 41 % Cottonseed Meal.....                                                   | G                 | 41.00          | 5.50          | 10.00 | 25.00    |
| 34-9-24 <sup>27</sup> .....                                                            | F                 | 43.19          | 6.80          | 9.40  | 27.29    |
| <b>Morris and Co., Chicago, Ill.</b>                                                   |                   |                |               |       |          |
| Morris' Big Sixty Meat Deal Digester Tankage.....                                      | G                 | 60.00          | 6.00          | 3.00  | 0.00     |
| 34-2-239 <sup>25</sup> .....                                                           | F                 | 56.94          | 8.79          | 0.80  | 1.29     |
| 34-3-124.....                                                                          | F                 | 53.81          | 6.98          | 0.94  | 2.15     |
| 34-10-2.....                                                                           | F                 | 60.75          | 10.47         | 1.39  | 0.00     |
| <b>Morrow Milling Co., Carthage, Mo.</b>                                               |                   |                |               |       |          |
| Big Boy Laying Mash.....                                                               | G                 | 18.00          | 4.00          | 8.00  | 50.00    |
| 34-2-78 <sup>4,5</sup> .....                                                           | F                 | 19.38          | 4.91          | 7.19  | 48.63    |
| 34-2-120 <sup>4,5</sup> .....                                                          | F                 | 20.81          | 4.46          | 6.71  | 47.47    |
| 34-9-104 <sup>4,5,23</sup> .....                                                       | F                 | 19.38          | 5.09          | 7.52  | 50.83    |
| Big Boy Mixed Feed.....                                                                | G                 | 12.00          | 3.00          | 13.00 | 50.00    |
| 34-2-125 <sup>8</sup> .....                                                            | F                 | 13.50          | 3.27          | 12.08 | 52.15    |
| 34-9-103 <sup>8,23</sup> .....                                                         | F                 | 13.19          | 3.65          | 13.33 | 53.46    |
| Double "M" 24 % Dairy Feed.....                                                        | G                 | 24.00          | 3.00          | 12.00 | 50.00    |
| 34-2-130 <sup>8,9</sup> .....                                                          | F                 | 26.63          | 3.73          | 11.91 | 40.89    |
| Double "M" Egg Mash.....                                                               | G                 | 18.00          | 4.50          | 7.00  | 45.00    |
| 34-2-131 <sup>8</sup> .....                                                            | F                 | 20.81          | 5.26          | 5.09  | 45.68    |
| Double "M" Soft Wheat Mixed Feed.....                                                  | G                 | 16.00          | 4.00          | 8.50  | ....     |
| 34-1-22 <sup>1,6</sup> .....                                                           | F                 | 16.06          | 3.94          | 6.35  | 57.45    |
| Feed Meal.....                                                                         | G                 | 9.00           | 4.00          | 3.00  | 70.00    |
| 34-9-102 <sup>4,5,23</sup> .....                                                       | F                 | 10.31          | 5.21          | 2.15  | 70.41    |
| Gray Wheat Shorts.....                                                                 | G                 | 16.00          | 3.70          | 5.00  | 50.00    |
| 34-2-123.....                                                                          | F                 | 15.13          | 3.72          | 3.19  | 62.63    |
| Hominy Feed.....                                                                       | G                 | 10.00          | 6.50          | 13.00 | 47.00    |
| 34-2-122 <sup>9</sup> .....                                                            | F                 | 10.00          | 6.76          | 5.33  | 63.42    |
| 34-9-105 <sup>9,23</sup> .....                                                         | F                 | 10.25          | 6.76          | 6.96  | 65.47    |

Manufacturer and Address  
Brand Name, Laboratory Number  
"Superior" Figure—see Key

Chemical Analyses  
% Guaranteed (G) and Found (F)  
Protein Fat Fiber N. F. E.

|                                                                                     |   |       |      |       |       |
|-------------------------------------------------------------------------------------|---|-------|------|-------|-------|
| Missouri Laying Mash.....                                                           | G | 20.00 | 3.50 | 6.50  | 44.00 |
| 34-2-132 <sup>4,5</sup> .....                                                       | F | 21.50 | 5.62 | 4.50  | 47.06 |
| Moco Baby Chick Scratch.....                                                        | G | 10.00 | 4.00 | 3.50  | 63.00 |
| 34-2-128 <sup>10</sup> .....                                                        | F | 10.81 | 4.35 | 1.42  | 69.42 |
| Moco 18 % Dairy Feed.....                                                           | G | 18.00 | 4.00 | 9.00  | 57.00 |
| 34-9-101 <sup>8,9,12</sup> .....                                                    | F | 19.56 | 4.01 | 10.62 | 50.09 |
| Moco Egg Mash.....                                                                  | G | 18.00 | 4.50 | 6.00  | 50.00 |
| 34-9-100.....                                                                       | F | 18.75 | 6.07 | 4.42  | 53.40 |
| Moco Growing Mash.....                                                              | G | 16.00 | 4.50 | 6.00  | 50.00 |
| 34-9-29.....                                                                        | F | 16.19 | 5.21 | 5.09  | 58.02 |
| Moco Laying Mash.....                                                               | G | 18.00 | 4.50 | 7.00  | 45.00 |
| 34-2-121 <sup>4,5</sup> .....                                                       | F | 20.19 | 4.72 | 5.21  | 49.62 |
| Moco Poultry Fattener Feeds.....                                                    | G | 14.00 | 5.00 | 5.00  | 58.00 |
| 34-2-127 <sup>4,5</sup> .....                                                       | F | 15.19 | 5.59 | 5.37  | 58.75 |
| 34-9-107 <sup>4,5,23</sup> .....                                                    | F | 15.50 | 6.22 | 5.50  | 60.87 |
| Moco Starting and Growing Mash.....                                                 | G | 16.00 | 4.50 | 6.00  | 50.00 |
| 34-9-30.....                                                                        | F | 17.81 | 5.46 | 3.77  | 57.05 |
| Moco Starting Mash.....                                                             | G | 17.00 | 4.50 | 5.50  | 45.00 |
| 34-2-126 <sup>1</sup> .....                                                         | F | 18.50 | 4.97 | 3.73  | 52.99 |
| Screened Corn Chops.....                                                            | G | 9.00  | 4.00 | 3.00  | 70.00 |
| 34-2-79.....                                                                        | F | 9.38  | 4.09 | 1.14  | 72.62 |
| 34-2-129.....                                                                       | F | 9.03  | 3.50 | 1.15  | 71.32 |
| 34-9-106 <sup>23</sup> .....                                                        | F | 11.38 | 5.64 | 1.15  | 70.38 |
| Wheat Mixed Feed with Wheat Screenings not Exceeding 8 %.....                       | G | 15.00 | 4.00 | 8.50  | 45.50 |
| 34-2-124 <sup>4,5</sup> .....                                                       | F | 15.75 | 4.03 | 5.89  | 57.81 |
| <b>Moscow Mills, Moscow Mills, Mo.</b>                                              |   |       |      |       |       |
| Gray Wheat Shorts.....                                                              | G | 16.00 | 3.50 | 6.00  | 55.00 |
| 34-8-76.....                                                                        | F | 15.77 | 4.05 | 3.54  | 63.69 |
| Soft Wheat Bran.....                                                                | G | 14.50 | 3.50 | 11.00 | 47.00 |
| 34-8-77 <sup>10</sup> .....                                                         | F | 15.44 | 4.09 | 10.24 | 55.79 |
| <b>Mound City Mill, Mound City, Mo.</b>                                             |   |       |      |       |       |
| The Missouri Formula All-Mash Chick Starter with Meat Scraps and Cod Liver Oil..... | G | 14.50 | 3.00 | 5.00  | 50.00 |
| 34-5-155.....                                                                       | F | 16.81 | 5.57 | 3.60  | 59.30 |
| <b>Mountain Grove Feed Co., Mountain Grove, Mo.</b>                                 |   |       |      |       |       |
| Blue Tag Mixed Feed.....                                                            | G | 11.00 | 3.50 | 14.33 | 50.53 |
| 34-2-22.....                                                                        | F | 14.44 | 4.06 | 13.20 | 53.37 |
| 34-10-229 <sup>14</sup> .....                                                       | F | 16.13 | 4.17 | 13.51 | 49.42 |
| More Egg Laying Mash.....                                                           | G | 18.81 | 3.80 | 8.00  | 50.68 |
| 34-2-21.....                                                                        | F | 20.88 | 5.87 | 4.61  | 53.03 |
| 34-10-228 <sup>14</sup> .....                                                       | F | 20.00 | 7.91 | 6.93  | 46.74 |
| <b>Mountain View Farmers Exchange, Mountain View, Mo.</b>                           |   |       |      |       |       |
| Community Laying Mash.....                                                          | G | 20.00 | 4.50 | 5.00  | 56.00 |
| 34-2-255 <sup>4,5</sup> .....                                                       | F | 21.79 | 4.99 | 5.59  | 47.88 |
| <b>Murphy Products Co., Burlington, Wis.</b>                                        |   |       |      |       |       |
| Vig-O-Rav Starting Mash.....                                                        | G | 17.00 | 3.00 | 7.00  | 50.00 |
| 34-7-214 <sup>7,9</sup> .....                                                       | F | 17.50 | 6.02 | 4.43  | 56.15 |
| <b>National Cottonseed Products Corp., Memphis, Tenn.</b>                           |   |       |      |       |       |
| Star Brand 41 % Protein Cottonseed Meal.....                                        | G | 41.00 | 5.50 | 10.00 | 25.00 |
| 34-1-10 <sup>4,5</sup> .....                                                        | F | 37.58 | 8.45 | 12.79 | 26.79 |
| 34-9-214 <sup>4,5</sup> .....                                                       | F | 40.19 | 7.68 | 9.81  | 25.35 |
| <b>The Nebraska Consolidated Mills Co., Omaha, Neb.</b>                             |   |       |      |       |       |
| Nebco Pure Wheat Shorts (Gray Shorts).....                                          | G | 15.50 | 4.50 | 5.50  | 56.00 |
| 34-1-216 <sup>9,10</sup> .....                                                      | F | 20.88 | 4.69 | 4.50  | 53.69 |
| 34-3-85 <sup>9,10</sup> .....                                                       | F | 19.94 | 4.99 | 4.89  | 53.67 |



| Manufacturer and Address                                 |   | Chemical Analyses              |      |       |          |  |
|----------------------------------------------------------|---|--------------------------------|------|-------|----------|--|
| Brand Name, Laboratory Number                            |   | % Guaranteed (G) and Found (F) |      |       |          |  |
| "Superior" Figure—see Key                                |   | Protein                        | Fat  | Fiber | N. F. E. |  |
| <b>Neosho Milling Co., Neosho, Mo.</b>                   |   |                                |      |       |          |  |
| Blue "F" Dairy Feed.....                                 | G | 15.00                          | 4.50 | 13.00 | 51.00    |  |
| 34-1-157 <sup>4,5</sup> .....                            | F | 17.63                          | 5.07 | 11.91 | 47.63    |  |
| Blue "F" Egg Mash.....                                   | G | 18.00                          | 4.00 | 8.00  | 50.00    |  |
| 34-1-156 <sup>8</sup> .....                              | F | 18.06                          | 4.83 | 6.74  | 44.12    |  |
| Blue "F" Hen Scratch.....                                | G | 10.00                          | 2.50 | 5.00  | 65.00    |  |
| 34-1-153 <sup>9</sup> .....                              | F | 10.50                          | 3.68 | 1.88  | 70.49    |  |
| Blue "F" Mixed Feed.....                                 | G | 12.00                          | 3.00 | 12.00 | 54.00    |  |
| 34-1-164 <sup>1</sup> .....                              | F | 13.63                          | 3.72 | 13.86 | 49.99    |  |
| Hominy Dairy Feed.....                                   | G | 16.00                          | 5.00 | 8.00  | 49.00    |  |
| 34-1-162 <sup>8,9</sup> .....                            | F | 17.69                          | 6.89 | 8.52  | 50.22    |  |
| Hominy Feed.....                                         | G | 10.00                          | 6.00 | 8.00  | 60.00    |  |
| 34-1-160 <sup>6,9</sup> .....                            | F | 10.63                          | 7.93 | 9.20  | 58.05    |  |
| Mo-Egg Mash.....                                         | G | 18.00                          | 4.00 | 7.00  | 50.00    |  |
| 34-1-154 <sup>8</sup> .....                              | F | 18.53                          | 4.81 | 6.68  | 47.56    |  |
| Red "F" Chick Mash.....                                  | G | 15.00                          | 4.00 | 5.00  | 58.00    |  |
| 34-1-166.....                                            | F | 15.56                          | 4.93 | 4.43  | 56.08    |  |
| Red "F" Dairy Feed.....                                  | G | 20.00                          | 4.00 | 12.00 | 43.00    |  |
| 34-1-158.....                                            | F | 23.75                          | 5.78 | 11.78 | 41.32    |  |
| Red "F" Egg Mash.....                                    | G | 18.00                          | 4.50 | 8.00  | 46.00    |  |
| 34-1-155.....                                            | F | 20.06                          | 5.99 | 7.21  | 43.97    |  |
| Red "F" Growing Mash.....                                | G | 20.00                          | 5.00 | 5.00  | 50.00    |  |
| 34-1-165.....                                            | F | 19.13                          | 6.05 | 4.04  | 52.62    |  |
| Red "F" Hog Feed.....                                    | G | 16.00                          | 3.50 | 8.00  | 60.00    |  |
| 34-1-163 <sup>1</sup> .....                              | F | 15.75                          | 4.28 | 7.10  | 56.11    |  |
| Screened Corn Chop.....                                  | G | 9.00                           | 3.50 | 3.00  | 67.00    |  |
| 34-1-159 <sup>9,10</sup> .....                           | F | 9.25                           | 4.05 | 1.49  | 71.28    |  |
| Wheat Mixed Feed with Screenings.....                    | G | 15.00                          | 3.50 | 8.50  | 45.00    |  |
| 34-1-161 <sup>9</sup> .....                              | F | 16.69                          | 5.21 | 7.18  | 55.89    |  |
| <b>Neumond Company, St. Louis, Mo.</b>                   |   |                                |      |       |          |  |
| Neumond Brewers Dried Grains.....                        | G | 24.00                          | 4.50 | 18.00 | 40.00    |  |
| 34-10-49.....                                            | F | 29.94                          | 6.39 | 11.65 | 40.29    |  |
| <b>New Way Feed Co., Bloomfield, Iowa</b>                |   |                                |      |       |          |  |
| New Way Chick Mash.....                                  | G | 16.00                          | 4.50 | 5.00  | 55.00    |  |
| 34-6-65 <sup>7,12</sup> .....                            | F | 17.63                          | 5.22 | 4.88  | 55.01    |  |
| New Way Egg Mash.....                                    | G | 18.00                          | 4.50 | 7.00  | 50.00    |  |
| 34-11-139 <sup>4,5,8,14,23,32</sup> .....                | F | 18.31                          | 4.95 | 4.33  | 55.99    |  |
| New Way Special Dairy.....                               | G | 13.00                          | 8.00 | 16.00 | 55.00    |  |
| 34-11-140.....                                           | F | 13.63                          | 3.78 | 14.05 | 50.44    |  |
| <b>Niangua Milling Co., Niangua, Mo.</b>                 |   |                                |      |       |          |  |
| Egg-A-Day Laying Mash.....                               | G | 20.00                          | 3.50 | 7.50  | 42.00    |  |
| 34-10-74 <sup>5,7,23</sup> .....                         | F | 20.44                          | 7.13 | 6.68  | 47.11    |  |
| Milky Way Dairy Feed.....                                | G | 16.00                          | 4.50 | 7.00  | 46.00    |  |
| 34-10-75 <sup>5,7,23</sup> .....                         | F | 16.13                          | 4.88 | 12.29 | 49.66    |  |
| Missouri Formula Growing Mash.....                       | G | 14.50                          | 3.00 | 7.50  | 42.00    |  |
| 34-10-73 <sup>2</sup> .....                              | F | 18.19                          | 6.33 | 6.96  | 48.52    |  |
| <b>Niangua Missouri Co-operative Assn., Niangua, Mo.</b> |   |                                |      |       |          |  |
| Exchange Dairy Feed.....                                 | G | 16.00                          | 3.50 | 11.00 | 49.00    |  |
| 34-10-79.....                                            | F | 18.44                          | 5.27 | 8.63  | 50.90    |  |
| Missouri All-Mash Chick Starter.....                     | G | 14.00                          | 3.50 | 5.00  | 50.00    |  |
| 34-10-77.....                                            | F | 14.75                          | 5.50 | 4.45  | 58.98    |  |
| Missouri Formula Growing Mash.....                       | G | 17.00                          | 3.50 | 6.00  | 46.00    |  |
| 34-10-76.....                                            | F | 20.19                          | 6.65 | 5.90  | 46.75    |  |
| Missouri Formula Laying Mash.....                        | G | 20.00                          | 3.50 | 6.50  | 44.00    |  |
| 34-10-78.....                                            | F | 22.56                          | 6.32 | 5.51  | 46.56    |  |
| <b>Nixa Mills, Nixa, Mo.</b>                             |   |                                |      |       |          |  |
| Nixa Laying Mash.....                                    | G | 18.00                          | 4.00 | 8.00  | 53.00    |  |
| 34-6-49 <sup>7</sup> .....                               | F | 19.13                          | 4.65 | 6.93  | 52.00    |  |

Manufacturer and Address  
Brand Name, Laboratory Number  
"Superior" Figure—see Key

Chemical Analyses  
% Guaranteed (G) and Found (F)  
Protein Fat Fiber N. F. E.

**L. G. Nixon and Co., Ionia, Mo.**

|                                              |   |       |      |      |       |
|----------------------------------------------|---|-------|------|------|-------|
| Missouri Brand "All Mash" Chick Starter..... | G | 14.00 | 3.50 | 5.00 | 52.00 |
| 34-3-271.....                                | F | 16.88 | 4.21 | 4.08 | 55.81 |
| Missouri Brand Growing Mash.....             | G | 12.00 | 3.00 | 5.00 | 50.00 |
| 34-7-221.....                                | F | 15.50 | 7.24 | 5.80 | 56.59 |
| Nixon's Hen Hash.....                        | G | 16.00 | 5.00 | 8.00 | 50.00 |
| 34-3-272.....                                | F | 17.50 | 5.08 | 5.60 | 52.17 |

**Noel Feed and Produce Co., Paris, Mo.**

|                                     |   |       |      |      |       |
|-------------------------------------|---|-------|------|------|-------|
| Missouri Formula Egg Mash.....      | G | 20.00 | 3.50 | 7.00 | 45.00 |
| 34-4-221.....                       | F | 22.31 | 7.14 | 4.39 | 47.14 |
| Missouri Formula Starting Mash..... | G | 14.50 | 4.50 | 4.00 | 53.00 |
| 34-4-220.....                       | F | 16.69 | 4.59 | 3.84 | 58.05 |
| Our Best Laying Mash.....           | G | 18.00 | 4.50 | 6.00 | 50.00 |
| 34-4-223.....                       | F | 18.69 | 6.31 | 4.58 | 51.63 |
| Our Best Starting Mash.....         | G | 17.00 | 4.50 | 5.50 | 45.00 |
| 34-4-222.....                       | F | 17.88 | 5.34 | 3.90 | 53.76 |

**Northern Feed Co., Springfield, Mo.**

|                                   |   |       |      |       |       |
|-----------------------------------|---|-------|------|-------|-------|
| Bennett's Special Mixed Feed..... | G | 11.00 | 3.50 | 15.00 | 38.00 |
| 34-4-59.....                      | F | 13.50 | 4.36 | 14.18 | 51.89 |
| 34-8-214 <sup>9,19</sup> .....    | F | 13.94 | 4.38 | 13.09 | 52.63 |

**J. S. Nunn, Collins, Mo.**

|                                   |   |       |      |      |       |
|-----------------------------------|---|-------|------|------|-------|
| Nunn's Laying Mash.....           | G | 18.00 | 4.00 | 6.00 | 49.00 |
| 34-11-96 <sup>7,23,26</sup> ..... | F | 20.56 | 6.13 | 5.21 | 49.62 |

**Nutrena Mills, Inc., Kansas City, Kan.**

|                                            |   |       |      |       |       |
|--------------------------------------------|---|-------|------|-------|-------|
| Dandy Bulky Mixed Feed.....                | G | 10.00 | 2.00 | 15.00 | 40.00 |
| 34-7-116.....                              | F | 10.56 | 3.94 | 12.97 | 55.42 |
| 34-9-237.....                              | F | 11.00 | 3.72 | 13.51 | 53.10 |
| Grade A Egg Mash.....                      | G | 18.00 | 4.00 | 8.00  | 45.00 |
| 34-3-18.....                               | F | 17.19 | 7.11 | 4.58  | 55.73 |
| 34-10-150 <sup>8</sup> .....               | F | 19.88 | 4.71 | 6.86  | 48.68 |
| 34-11-110.....                             | F | 19.56 | 4.78 | 7.97  | 49.83 |
| Nutrena 16 % Protein Dairy Feed.....       | G | 16.00 | 3.00 | 12.00 | 43.00 |
| 34-1-2.....                                | F | 18.06 | 3.80 | 6.88  | 51.42 |
| 34-9-132.....                              | F | 17.63 | 4.14 | 7.54  | 55.07 |
| Nutrena 20 % Sugared Hog Feed.....         | G | 20.00 | 3.00 | 7.00  | 54.00 |
| 34-3-129.....                              | F | 19.13 | 3.87 | 3.61  | 50.43 |
| Nutrena 32 % Poultry Mash Concentrate..... | G | 32.00 | 5.00 | 4.50  | 40.00 |
| 34-7-108.....                              | F | 32.56 | 6.20 | 5.12  | 37.73 |
| Nutrena All-Mash Turkey Starter.....       | G | 24.00 | 5.00 | 6.00  | 50.00 |
| 34-7-106.....                              | F | 24.88 | 5.93 | 4.42  | 48.09 |
| 34-10-24.....                              | F | 36.19 | 5.07 | 4.32  | 38.37 |
| Nutrena Chick Mash.....                    | G | 18.00 | 3.50 | 5.00  | 51.00 |
| 34-3-17 <sup>9</sup> .....                 | F | 20.13 | 7.02 | 3.71  | 51.73 |
| 34-10-25.....                              | F | 19.88 | 5.02 | 4.72  | 53.55 |
| Nutrena Egg Mash.....                      | G | 18.00 | 4.50 | 7.00  | 45.00 |
| 34-1-170.....                              | F | 19.19 | 5.50 | 4.21  | 51.59 |
| 34-3-16.....                               | F | 18.81 | 7.06 | 4.41  | 53.19 |
| 34-3-68.....                               | F | 19.06 | 6.44 | 5.18  | 50.07 |
| 34-10-23.....                              | F | 21.13 | 5.38 | 4.56  | 50.16 |
| 34-11-109.....                             | F | 20.31 | 5.02 | 4.17  | 51.64 |
| Nutrena Growing Mash.....                  | G | 17.00 | 5.00 | 7.00  | 45.00 |
| 34-7-107.....                              | F | 18.75 | 5.87 | 4.47  | 54.89 |
| Nutrena Master Producers Egg Mash.....     | G | 20.00 | 4.00 | 4.50  | 50.00 |
| 34-1-226.....                              | F | 21.81 | 5.67 | 4.20  | 45.90 |
| Nutrena Pig Starter.....                   | G | 25.00 | 4.00 | 7.00  | 45.00 |
| 34-10-22.....                              | F | 27.38 | 4.76 | 4.89  | 45.66 |
| Nutrena Station Fatner.....                | G | 12.50 | 4.50 | 6.00  | 56.00 |
| 34-9-131.....                              | F | 16.75 | 6.00 | 4.86  | 60.07 |
| Rich Grain Chick Grains.....               | G | 10.00 | 2.50 | 4.50  | 60.00 |
| 34-7-110.....                              | F | 10.00 | 4.29 | 1.29  | 72.47 |
| Rich Grain Scratch Grains.....             | G | 10.00 | 2.50 | 4.50  | 60.00 |
| 34-9-130.....                              | F | 9.88  | 4.07 | 2.21  | 73.22 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |         |      |                |
|----------------------------------------------------------------------------------------|--------------------------------|---------|------|----------------|
|                                                                                        | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N. F. E. |
| Triple V All-Mash Chick Ration.....                                                    | G                              | 16.00   | 4.00 | 5.00 47.00     |
| 34-3-128.....                                                                          | F                              | 18.13   | 5.29 | 4.61 55.42     |
| 34-7-1 <sup>12</sup> .....                                                             | F                              | 17.75   | 5.17 | 5.33 54.97     |
| 34-7-21.....                                                                           | F                              | 17.44   | 4.97 | 4.49 57.27     |
| Triple V Developing Grains.....                                                        | G                              | 10.50   | 3.00 | 3.50 63.00     |
| 34-7-109.....                                                                          | F                              | 10.25   | 4.43 | 1.82 71.69     |
| 34-9-133 <sup>9</sup> .....                                                            | F                              | 11.00   | 4.36 | 2.46 70.89     |
| Triple V Egg Mash.....                                                                 | G                              | 18.00   | 3.50 | 8.00 45.00     |
| 34-1-1.....                                                                            | F                              | 19.31   | 6.15 | 5.69 50.01     |
| Triple V Growing Mash.....                                                             | G                              | 17.00   | 5.00 | 6.00 53.00     |
| 34-7-20.....                                                                           | F                              | 18.13   | 5.22 | 5.10 54.48     |
| <b>Oak Hill Mill, Oak Hill, Mo.</b>                                                    |                                |         |      |                |
| Wheat Mixed Feed.....                                                                  | G                              | 14.00   | 3.50 | 8.50 50.00     |
| 34-11-25.....                                                                          | F                              | 15.81   | 3.57 | 7.19 58.92     |
| <b>Oakley-Pate Seed Co., Joplin, Mo.</b>                                               |                                |         |      |                |
| Egg Maker.....                                                                         | G                              | 16.50   | 4.50 | 6.00 43.00     |
| 34-8-89 <sup>4,5,12</sup> .....                                                        | F                              | 18.88   | 4.96 | 6.22 49.51     |
| Oakley-Pate's All-Mash Starter and Grower.....                                         | G                              | 15.50   | 4.00 | 6.50 45.00     |
| 34-8-90 <sup>4,5,12</sup> .....                                                        | F                              | 16.50   | 5.77 | 5.57 54.66     |
| Oakley-Pate Seed Company's Hen Feed.....                                               | G                              | 11.00   | 3.00 | 5.00 65.00     |
| 34-8-91.....                                                                           | F                              | 9.85    | 3.14 | 2.94 73.09     |
| <b>W. L. Odneal, Prairie Home, Mo.</b>                                                 |                                |         |      |                |
| Gold Star Egg Mash.....                                                                | G                              | 18.00   | 4.00 | 6.00 62.00     |
| 34-12-131.....                                                                         | F                              | 19.63   | 5.62 | 5.66 49.89     |
| <b>The Old Mill, Lees Summit, Mo.</b>                                                  |                                |         |      |                |
| Cow Candy.....                                                                         | G                              | 8.00    | 1.50 | 12.00 50.00    |
| 34-1-197 <sup>8</sup> .....                                                            | F                              | 12.69   | 2.93 | 4.30 60.43     |
| 34-10-114.....                                                                         | F                              | 10.88   | 2.87 | 8.36 60.19     |
| Indian Maid Hen Scratch.....                                                           | G                              | 10.00   | 3.00 | 6.00 60.00     |
| 34-10-116.....                                                                         | F                              | 12.19   | 3.53 | 2.40 70.24     |
| McCary Dairy Formula.....                                                              | G                              | 12.00   | 3.50 | 10.00 50.00    |
| 34-1-196 <sup>9</sup> .....                                                            | F                              | 15.81   | 4.17 | 5.94 56.72     |
| 34-10-117.....                                                                         | F                              | 14.69   | 4.56 | 8.17 55.14     |
| Unity Laying Mash.....                                                                 | G                              | 12.00   | 3.00 | 10.00 50.00    |
| 34-10-115.....                                                                         | F                              | 17.63   | 5.11 | 6.03 55.80     |
| <b>Olean Milling Co., Olean, Mo.</b>                                                   |                                |         |      |                |
| Cheap Dairy Ration.....                                                                | G                              | 9.00    | 2.50 | 10.00 45.00    |
| 34-11-41 <sup>8</sup> .....                                                            | F                              | 9.81    | 2.96 | 17.37 52.73    |
| Golden Band Laying Mash.....                                                           | G                              | 17.00   | 4.00 | 8.00 48.00     |
| 34-4-192.....                                                                          | F                              | 15.41   | 4.69 | 8.25 52.95     |
| 34-11-42 <sup>8</sup> .....                                                            | F                              | 16.38   | 4.59 | 8.40 53.00     |
| Missouri Formula All-Mash Chick Starter.....                                           | G                              | 15.00   | 3.50 | 5.00 50.00     |
| 34-4-190.....                                                                          | F                              | 15.38   | 5.14 | 4.10 56.93     |
| Missouri Formula Laying Mash.....                                                      | G                              | 19.00   | 4.00 | 6.50 46.00     |
| 34-4-193 <sup>9</sup> .....                                                            | F                              | 22.00   | 5.17 | 6.62 45.74     |
| 34-11-43 <sup>9,14</sup> .....                                                         | F                              | 18.88   | 5.46 | 6.65 51.55     |
| Olean Chick Starting Mash.....                                                         | G                              | 18.00   | 3.00 | 5.00 50.00     |
| 34-4-191.....                                                                          | F                              | 19.31   | 5.45 | 4.66 37.89     |
| Olean Laying Mash.....                                                                 | G                              | 18.00   | 4.00 | 7.00 49.00     |
| 34-11-44 <sup>14</sup> .....                                                           | F                              | 18.13   | 4.61 | 8.43 49.32     |
| Olean Turkey Growing and Fattening Mash.....                                           | G                              | 18.00   | 3.25 | 8.00 45.00     |
| 34-11-45 <sup>14</sup> .....                                                           | F                              | 19.69   | 5.84 | 6.69 47.85     |
| <b>Osceola Cotton Oil Co., Osceola, Ark.</b>                                           |                                |         |      |                |
| 41 % Prime Cottonseed Meal.....                                                        | G                              | 41.00   | 6.00 | 10.00 16.00    |
| 34-1-59 <sup>1,6</sup> .....                                                           | F                              | 42.19   | 7.47 | 8.47 24.69     |
| <b>Owensville Roller Mill, Owensville, Mo.</b>                                         |                                |         |      |                |
| Pure Soft Wheat Bran.....                                                              | G                              | 14.35   | 3.50 | 10.00 52.00    |
| 34-5-46.....                                                                           | F                              | 16.19   | 4.30 | 7.10 56.53     |
| Wheat White Shorts.....                                                                | G                              | 13.50   | 3.75 | 3.50 54.00     |
| 34-5-47.....                                                                           | F                              | 14.88   | 3.42 | 1.84 66.58     |



Manufacturer and Address  
Brand Name, Laboratory Number  
"Superior" Figure—see Key

Chemical Analyses  
% Guaranteed (G) and Found (F)  
Protein Fat Fiber N. F. E.

**Ozark Flour and Feed Co., Seymour, Mo.**

|                                 |   |       |      |       |       |
|---------------------------------|---|-------|------|-------|-------|
| Better Egg Mash.....            | G | 20.00 | 3.50 | 7.00  | 41.00 |
| 34-10-187 <sup>7,26</sup> ..... | F | 20.13 | 6.00 | 8.21  | 46.55 |
| Better Hen Scratch.....         | G | 9.00  | 4.50 | 2.50  | 65.00 |
| 34-10-191 <sup>7,26</sup> ..... | F | 11.00 | 4.79 | 2.17  | 69.64 |
| Corn Bran.....                  | G | 8.00  | 5.00 | 8.03  | 60.00 |
| 34-10-192 <sup>7,26</sup> ..... | F | 9.69  | 6.69 | 10.16 | 61.13 |
| Corn Chop.....                  | G | 8.00  | 2.00 | 2.00  | 70.00 |
| 34-10-189 <sup>7,26</sup> ..... | F | 9.19  | 3.91 | 1.53  | 73.45 |
| Missouri Dairy Feed.....        | G | 16.00 | 3.50 | 10.00 | 45.00 |
| 34-6-17 <sup>7,26</sup> .....   | F | 15.50 | 3.55 | 7.99  | 56.52 |
| 34-10-190 <sup>7,26</sup> ..... | F | 16.50 | 4.56 | 8.45  | 52.87 |
| Missouri Egg Mash.....          | G | 16.00 | 4.00 | 8.00  | 50.00 |
| 34-6-18 <sup>7,26</sup> .....   | F | 17.94 | 5.30 | 4.11  | 54.21 |
| 34-10-188 <sup>7,26</sup> ..... | F | 18.38 | 8.29 | 5.78  | 50.12 |

**The Page Milk Co., Marshall, Mo.**

|                               |   |       |      |      |       |
|-------------------------------|---|-------|------|------|-------|
| Page Buttermilk Powder.....   | G | 30.00 | 5.00 | .... | 40.00 |
| 34-7-132 <sup>6,9</sup> ..... | F | 37.00 | 5.74 | .... | 41.68 |

**The Thomas Page Mill Co., Topeka, Kan.**

|                                                                                        |   |       |      |       |       |
|----------------------------------------------------------------------------------------|---|-------|------|-------|-------|
| Broad Flake Pure Wheat Bran.....                                                       | G | 14.50 | 3.50 | 11.00 | 49.00 |
| 34-10-33 <sup>7</sup> .....                                                            | F | 17.38 | 5.11 | 10.06 | 47.90 |
| Snow Flake Wheat Gray Shorts and Ground Wheat<br>Screenings not Exceeding Millrun..... | G | 16.00 | 3.50 | 5.50  | 55.00 |
| 34-10-32 <sup>9</sup> .....                                                            | F | 18.50 | 4.68 | 5.81  | 55.13 |

**Parkville Milling Co., Platte City, Mo.**

|                                                                        |   |       |      |       |       |
|------------------------------------------------------------------------|---|-------|------|-------|-------|
| Soft Wheat Bran without Screenings.....                                | G | 14.50 | 3.25 | 10.00 | 52.98 |
| 34-7-53 <sup>4,5,9,10,12</sup> .....                                   | F | 16.56 | 5.37 | 9.66  | 52.01 |
| Wheat Gray Shorts.....                                                 | G | 16.50 | 4.80 | 6.00  | 54.45 |
| 34-7-54 <sup>4,5,8,10,12</sup> .....                                   | F | 16.63 | 5.42 | 5.92  | 57.08 |
| Wheat Mixed Feed and Ground Wheat Screenings not<br>to Exceed 8 %..... | G | 14.00 | 3.00 | 8.50  | 50.00 |
| 34-7-55 <sup>4,5,12</sup> .....                                        | F | 16.50 | 4.64 | 7.18  | 55.86 |

**Patterson's Supply House, Carthage, Mo.**

|                                     |   |       |      |       |       |
|-------------------------------------|---|-------|------|-------|-------|
| Home Dairy Feed.....                | G | 12.00 | 3.50 | 13.50 | 54.00 |
| 34-2-140 <sup>1,3,17</sup> .....    | F | 15.13 | 4.84 | 8.03  | 54.71 |
| 34-9-15 <sup>4,5,9,23</sup> .....   | F | 15.63 | 4.99 | 6.34  | 59.20 |
| Home Egg Mash.....                  | G | 18.00 | 4.50 | 5.00  | 60.00 |
| 34-2-139 <sup>1,3,17</sup> .....    | F | 17.12 | 4.91 | 4.56  | 54.29 |
| 34-9-16 <sup>4,5,8,9,23</sup> ..... | F | 18.19 | 5.00 | 3.93  | 56.26 |
| Home Scratch Feed.....              | G | 11.00 | 3.00 | 3.00  | 69.00 |
| 34-2-141 <sup>1,3,17</sup> .....    | F | 10.81 | 3.60 | 2.00  | 69.32 |
| 34-9-17 <sup>4,5,9,23</sup> .....   | F | 10.85 | 3.45 | 2.10  | 73.06 |

**Pease-Moore Milling Co., West Plains, Mo.**

|                                                                   |   |       |       |       |       |
|-------------------------------------------------------------------|---|-------|-------|-------|-------|
| Competitor Hen Scratch.....                                       | G | 9.63  | 2.79  | 2.39  | 71.74 |
| 34-2-85.....                                                      | F | 10.81 | 3.99  | 2.09  | 69.45 |
| Feed Meal.....                                                    | G | 9.00  | 3.00  | 3.50  | 70.99 |
| 34-2-73 <sup>3,4,5</sup> .....                                    | F | 9.69  | 4.72  | 1.67  | 68.83 |
| Gray Wheat Shorts and Wheat Screenings not to<br>Exceed 8 %.....  | G | 16.00 | 3.50  | 5.50  | 52.00 |
| 34-2-81 <sup>4,5</sup> .....                                      | F | 14.69 | 4.12  | 3.63  | 62.03 |
| Pure Corn Bran.....                                               | G | 9.00  | 4.00  | 15.00 | 55.00 |
| 34-2-86 <sup>4,5</sup> .....                                      | F | 12.00 | 11.14 | 8.15  | 52.31 |
| Satisfaction Hen Scratch.....                                     | G | 10.28 | 2.54  | 2.23  | 70.90 |
| 34-2-84.....                                                      | F | 10.88 | 3.17  | 2.18  | 70.06 |
| Satisfaction Laying Mash.....                                     | G | 17.33 | 5.07  | 6.37  | 53.95 |
| 34-2-82 <sup>4,5</sup> .....                                      | F | 17.81 | 5.41  | 5.22  | 49.81 |
| Steel-Cut Corn, Hen Size.....                                     | G | 9.00  | 3.00  | 3.50  | 70.00 |
| 34-2-83 <sup>3,4,5,10</sup> .....                                 | F | 9.13  | 4.05  | 1.56  | 69.86 |
| Wheat Bran and Wheat Screenings not to Exceed 8 %<br>34-2-80..... | G | 14.50 | 3.50  | 11.00 | 50.00 |
|                                                                   | F | 15.00 | 4.28  | 9.72  | 50.72 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |       |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|-------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |       |
|                                                                                        | Protein           | Fat            | Fiber         | N. F. | E.    |
| <b>The Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico</b>                         |                   |                |               |       |       |
| Alfalfa Meal.....                                                                      | G                 | 13.00          | 1.50          | 33.00 | 36.00 |
| 34-6-84 <sup>4,5</sup> .....                                                           | F                 | 12.81          | 1.49          | 37.65 | 32.71 |
| <b>Penick and Ford, Ltd., Inc., Cedar Rapids, Iowa</b>                                 |                   |                |               |       |       |
| Douglas Corn Gluten Meal.....                                                          | G                 | 43.00          | 1.00          | 4.00  | 38.00 |
| 34-1-223.....                                                                          | F                 | 45.56          | 1.99          | 3.84  | 35.79 |
| 34-3-80.....                                                                           | F                 | 43.25          | 2.48          | 4.38  | 38.29 |
| Douglas Corn Gluten Feed.....                                                          | G                 | 25.00          | 1.50          | 8.50  | 47.00 |
| 34-3-82.....                                                                           | F                 | 28.25          | 3.24          | 7.46  | 47.55 |
| Douglas Corn Oil Meal.....                                                             | G                 | 20.00          | 0.75          | 12.50 | 54.00 |
| 34-1-224.....                                                                          | F                 | 25.25          | 2.30          | 10.86 | 50.28 |
| 34-3-81.....                                                                           | F                 | 23.38          | 3.42          | 9.58  | 52.91 |
| <b>Jack Pearce, Rock Port, Mo.</b>                                                     |                   |                |               |       |       |
| The New Missouri All-Mash Chick Starter with Meat Scraps.....                          | G                 | 14.50          | 3.00          | 5.00  | 50.00 |
| 34-5-147.....                                                                          | F                 | 15.25          | 5.37          | 2.81  | 60.03 |
| Wayne Local Mix Mash.....                                                              | G                 | 18.00          | 3.50          | 7.00  | 45.00 |
| 34-5-146 <sup>8</sup> .....                                                            | F                 | 19.06          | 5.42          | 5.03  | 54.15 |
| <b>Pearman Milling and Grain Co., Mt. Grove, Mo.</b>                                   |                   |                |               |       |       |
| Gray Soft Wheat Shorts.....                                                            | G                 | 15.50          | 4.00          | 5.00  | 60.00 |
| 34-2-34 <sup>9,15,27</sup> .....                                                       | F                 | 13.90          | 2.88          | 0.68  | 69.52 |
| Soft Wheat Bran with Wheat Screenings not Exceeding Millrun.....                       | G                 | 15.00          | 4.00          | 10.00 | 47.00 |
| 34-2-33.....                                                                           | F                 | 16.13          | 4.30          | 7.00  | 57.52 |
| 34-10-227 <sup>7,23</sup> .....                                                        | F                 | 16.88          | 4.73          | 8.22  | 55.58 |
| <b>Perkins Oil Co., Memphis, Tenn.</b>                                                 |                   |                |               |       |       |
| Golden Rod Brand 41 % Protein Cottonseed Meal...                                       | G                 | 41.00          | 6.00          | 10.00 | 6.56  |
| 34-10-203 <sup>4,5</sup> .....                                                         | F                 | 39.36          | 6.90          | 12.91 | 27.24 |
| <b>Perry County Co-operative Warehouse and Elevator Association, Perryville, Mo.</b>   |                   |                |               |       |       |
| Perry County Co-op's Chick Growing Mash.....                                           | G                 | 16.00          | 2.50          | 7.00  | 42.00 |
| 34-11-154 <sup>8</sup> .....                                                           | F                 | 20.25          | 6.03          | 4.61  | 49.70 |
| Perry County Co-op's 20 % Protein Laying Mash....                                      | G                 | 20.00          | 4.50          | 4.75  | 50.00 |
| 34-2-8 <sup>8</sup> .....                                                              | F                 | 20.19          | 6.06          | 4.20  | 49.72 |
| 34-11-153 <sup>8</sup> .....                                                           | F                 | 21.19          | 5.52          | 4.29  | 48.77 |
| <b>Perry County Milling Co., Perryville, Mo.</b>                                       |                   |                |               |       |       |
| Gray Wheat Shorts.....                                                                 | G                 | 15.30          | 3.20          | 5.50  | 59.00 |
| 34-2-11 <sup>4,5</sup> .....                                                           | F                 | 16.00          | 4.92          | 3.83  | 60.35 |
| Hen Scratch.....                                                                       | G                 | 9.50           | 2.30          | 6.50  | 61.60 |
| 34-2-14.....                                                                           | F                 | 10.19          | 4.31          | 2.30  | 69.91 |
| 34-11-144 <sup>23</sup> .....                                                          | F                 | 11.31          | 5.12          | 2.92  | 68.26 |
| Laying Mash.....                                                                       | G                 | 19.00          | 3.00          | 9.00  | 45.00 |
| 34-2-13 <sup>8,9</sup> .....                                                           | F                 | 20.25          | 5.49          | 4.79  | 49.97 |
| 34-11-143 <sup>23</sup> .....                                                          | F                 | 21.13          | 5.06          | 4.52  | 50.37 |
| Screened Cracked Corn.....                                                             | G                 | 8.30           | 3.20          | 3.20  | 65.30 |
| 34-2-12.....                                                                           | F                 | 8.88           | 4.57          | 1.80  | 68.51 |
| 34-11-149.....                                                                         | F                 | 9.56           | 4.97          | 1.62  | 70.72 |
| Wheat Bran.....                                                                        | G                 | 15.00          | 3.30          | 9.60  | 53.00 |
| 34-11-148.....                                                                         | F                 | 14.94          | 4.56          | 10.38 | 53.61 |
| <b>Peterson Coal and Grain Co., Independence, Mo.</b>                                  |                   |                |               |       |       |
| Nation's Best Laying Mash.....                                                         | G                 | 18.00          | 3.25          | 7.00  | 42.00 |
| 34-1-215.....                                                                          | F                 | 22.19          | 5.39          | 5.18  | 44.01 |
| Nation's Best (Special) Dairy Feed.....                                                | G                 | 12.00          | 2.00          | 12.00 | 50.00 |
| 34-1-214 <sup>7</sup> .....                                                            | F                 | 11.88          | 3.75          | 8.80  | 56.38 |
| <b>Peterson Feed and Seed Co., Fairfax, Mo.</b>                                        |                   |                |               |       |       |
| Peterson's Laying Mash.....                                                            | G                 | 20.00          | 5.00          | 6.00  | 48.00 |
| 34-5-150.....                                                                          | F                 | 22.31          | 6.95          | 4.76  | 48.23 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses                         |      |       |          |  |
|----------------------------------------------------------------------------------------|-------------------------------------------|------|-------|----------|--|
|                                                                                        | % Guaranteed (G) and Found (F)<br>Protein | Fat  | Fiber | N. F. E. |  |
| The New Missouri Formula All-Mash Chick Starter<br>with Meat Seraps.....               | G 14.50                                   | 3.00 | 5.00  | 50.00    |  |
| 34-5-149 <sup>7</sup> .....                                                            | F 16.88                                   | 6.67 | 3.69  | 56.46    |  |
| <b>Pettis County Mercantile Co., Sedalia, Mo.</b>                                      |                                           |      |       |          |  |
| Big Chick Start-to-Finish Mash.....                                                    | G 18.20                                   | 4.50 | 7.50  | 53.00    |  |
| 34-6-38 <sup>8,25</sup> .....                                                          | F 16.38                                   | 5.26 | 4.55  | 57.64    |  |
| <b>Pevely Dairy Co., St. Louis, Mo.</b>                                                |                                           |      |       |          |  |
| Skimmed Milk Powder.....                                                               | G 32.00                                   | 1.00 | ....  | 48.00    |  |
| 34-1-39.....                                                                           | F 32.63                                   | 1.06 | ....  | 51.43    |  |
| <b>Pierce City Milling Co., Pierce City, Mo.</b>                                       |                                           |      |       |          |  |
| Corn Bran.....                                                                         | G 10.00                                   | 6.00 | 7.00  | 60.00    |  |
| 34-2-203 <sup>2</sup> .....                                                            | F 10.25                                   | 8.69 | 6.79  | 59.11    |  |
| Golden Grain Corn Chops.....                                                           | G 9.10                                    | 4.50 | 8.50  | 65.10    |  |
| 34-2-202 <sup>9,12</sup> .....                                                         | F 9.00                                    | 4.44 | 1.43  | 69.97    |  |
| 34-8-54 <sup>9,23</sup> .....                                                          | F 9.03                                    | 4.84 | 1.64  | 73.96    |  |
| Golden Grain Laying Mash.....                                                          | G 18.10                                   | 4.50 | 6.90  | 46.42    |  |
| 34-2-201 <sup>8,9</sup> .....                                                          | F 18.38                                   | 6.11 | 6.11  | 51.64    |  |
| 34-8-51.....                                                                           | F 18.94                                   | 6.60 | 7.39  | 49.95    |  |
| Golden Grain Soft Wheat Bran.....                                                      | G 14.00                                   | 4.10 | 9.50  | 53.10    |  |
| 34-2-199 <sup>1,3</sup> .....                                                          | F 15.06                                   | 4.13 | 9.46  | 54.44    |  |
| Golden Grain Soft Wheat Bran and Pulverized Wheat<br>Screenings.....                   | G 14.00                                   | 4.10 | 9.50  | 53.10    |  |
| 34-8-53 <sup>23</sup> .....                                                            | F 14.75                                   | 4.65 | 9.22  | 58.46    |  |
| Golden Grain Soft Wheat Gray Shorts.....                                               | G 15.00                                   | 3.00 | 6.00  | 55.00    |  |
| 34-2-200 <sup>9</sup> .....                                                            | F 15.81                                   | 5.55 | 4.25  | 59.80    |  |
| 34-8-52 <sup>9,23</sup> .....                                                          | F 17.00                                   | 5.78 | 5.26  | 60.21    |  |
| <b>Pillsbury Flour Mills Co., Minneapolis, Minn.</b>                                   |                                           |      |       |          |  |
| E. Z. Pie In Scratch Feed.....                                                         | G 10.00                                   | 2.50 | 5.00  | 65.00    |  |
| 34-4-142.....                                                                          | F 10.00                                   | 3.95 | 3.35  | 68.58    |  |
| Fancy Cracked Corn Screened—Polished—Aspirated.....                                    | G 8.00                                    | 2.25 | 3.50  | 70.00    |  |
| 34-8-65.....                                                                           | F 10.75                                   | 2.49 | 0.82  | 76.84    |  |
| Feed 'Em Egg Mash.....                                                                 | G 18.00                                   | 4.50 | 7.00  | 54.00    |  |
| 34-4-134.....                                                                          | F 20.56                                   | 4.65 | 5.59  | 51.58    |  |
| 34-8-66.....                                                                           | F 19.81                                   | 5.02 | 6.02  | 53.55    |  |
| Palisade Chick Feed.....                                                               | G 10.00                                   | 2.50 | 5.00  | 65.00    |  |
| 34-3-131.....                                                                          | F 9.63                                    | 2.41 | 1.13  | 72.83    |  |
| 34-4-133.....                                                                          | F 10.00                                   | 2.74 | 1.27  | 72.29    |  |
| Palisade Sweet Dairy Feed with Molasses and Ground<br>Limestone.....                   | G 16.00                                   | 3.50 | 12.00 | 50.00    |  |
| 34-3-154 <sup>8</sup> .....                                                            | F 16.50                                   | 3.46 | 6.84  | 51.11    |  |
| 34-4-143.....                                                                          | F 17.94                                   | 3.56 | 7.51  | 49.22    |  |
| 34-9-95.....                                                                           | F 17.94                                   | 3.62 | 6.98  | 49.64    |  |
| 34-9-166.....                                                                          | F 16.88                                   | 3.71 | 6.40  | 53.02    |  |
| Pillsbury All-Mash Starting and Growing.....                                           | G 17.00                                   | 4.00 | 6.50  | 56.00    |  |
| 34-3-240.....                                                                          | F 18.81                                   | 5.61 | 5.08  | 52.61    |  |
| 34-4-135.....                                                                          | F 19.94                                   | 5.67 | 4.90  | 51.34    |  |
| Pillsbury Egg Mash.....                                                                | G 18.00                                   | 4.00 | 8.00  | 51.00    |  |
| 34-4-138.....                                                                          | F 20.31                                   | 5.82 | 4.45  | 49.56    |  |
| Pillsbury's Wheat Bran and Screenings not Exceeding<br>8 %.....                        | G 14.50                                   | 3.50 | 10.00 | 53.00    |  |
| 34-1-138.....                                                                          | F 18.81                                   | 3.51 | 8.69  | 52.59    |  |
| 34-2-40.....                                                                           | F 18.19                                   | 4.31 | 8.15  | 51.21    |  |
| 34-3-72.....                                                                           | F 18.57                                   | 4.62 | 8.51  | 49.49    |  |
| 34-4-141.....                                                                          | F 18.19                                   | 4.61 | 8.14  | 50.29    |  |
| 34-11-142.....                                                                         | F 18.19                                   | 4.83 | 8.87  | 51.42    |  |
| Pillsbury Wheat Gray Shorts.....                                                       | G 16.00                                   | 3.50 | 6.00  | 57.00    |  |
| 34-1-239.....                                                                          | F 18.31                                   | 5.50 | 4.20  | 56.55    |  |
| 34-2-41.....                                                                           | F 17.63                                   | 4.38 | 4.19  | 58.26    |  |
| 34-4-139.....                                                                          | F 17.44                                   | 4.49 | 5.10  | 57.00    |  |
| Yellow Corn Feed Meal.....                                                             | G 10.00                                   | 5.00 | 7.00  | 65.00    |  |
| 34-4-136 <sup>9</sup> .....                                                            | F 9.69                                    | 5.54 | 2.94  | 67.94    |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key           | Chemical Analyses              |         |       |                |
|--------------------------------------------------------------------------------------------------|--------------------------------|---------|-------|----------------|
|                                                                                                  | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N. F. E. |
| <b>Pioneer Milling Co., Pioneer, Mo.</b>                                                         |                                |         |       |                |
| Corn Bran.....                                                                                   | G                              | 8.00    | 3.50  | 12.00 65.00    |
| 34-2-210 <sup>1,2</sup> .....                                                                    | F                              | 11.44   | 10.22 | 7.74 54.98     |
| Just Right Chick Starter.....                                                                    | G                              | 16.00   | 4.00  | 5.00 54.00     |
| 34-2-209 <sup>4,5,8,10</sup> .....                                                               | F                              | 15.69   | 5.31  | 4.11 57.56     |
| Just Right Egg Mash.....                                                                         | G                              | 16.00   | 4.00  | 7.50 55.00     |
| 34-2-208 <sup>4,5,15,28</sup> .....                                                              | F                              | 17.25   | 5.42  | 6.46 52.77     |
| Screened Corn Chops.....                                                                         | G                              | 9.21    | 3.75  | 1.61 73.04     |
| 34-2-207 <sup>4,5</sup> .....                                                                    | F                              | 8.75    | 4.39  | 1.72 69.76     |
| Wheat Bran and Wheat Screenings not over 8 %.....                                                | G                              | 15.40   | 3.71  | 8.90 55.55     |
| 34-2-206 <sup>4,5,13</sup> .....                                                                 | F                              | 13.00   | 3.85  | 9.86 55.15     |
| Wheat Gray Shorts.....                                                                           | G                              | 14.67   | 2.87  | 4.05 63.00     |
| 34-2-205 <sup>4,5</sup> .....                                                                    | F                              | 15.62   | 5.10  | 3.99 61.35     |
| <b>Pittsburg Elevator Co., Pittsburg, Kan.</b>                                                   |                                |         |       |                |
| Peco Alfalfa Molasses.....                                                                       | G                              | 6.00    | 0.50  | 40.00 18.00    |
| 34-8-158 <sup>8,9</sup> .....                                                                    | F                              | 5.88    | 1.08  | 16.66 62.83    |
| <b>Pittsburg Plate Glass Co., Red Wing, Minn.</b>                                                |                                |         |       |                |
| Red Wing Linseed Meal 37 % Protein Pure Old Process                                              | G                              | 37.00   | 5.00  | 9.00 35.00     |
| 34-1-38.....                                                                                     | F                              | 40.25   | 5.48  | 7.14 31.15     |
| 34-2-170.....                                                                                    | F                              | 41.13   | 5.95  | 6.35 31.57     |
| <b>Cleo Plemmons, Clinton, Mo.</b>                                                               |                                |         |       |                |
| Missouri Egg Mash.....                                                                           | G                              | 16.87   | 3.76  | 7.17 50.12     |
| 34-11-118.....                                                                                   | F                              | 19.19   | 5.81  | 4.93 52.12     |
| <b>W. W. Pollock Milling and Elev. Co., Mexico, Mo.</b>                                          |                                |         |       |                |
| Pollock's Cow Smile.....                                                                         | G                              | 16.00   | 5.00  | 8.50 55.00     |
| 34-3-27.....                                                                                     | F                              | 19.94   | 4.20  | 6.94 51.87     |
| 34-11-127.....                                                                                   | F                              | 18.06   | 5.55  | 7.76 55.28     |
| 34-12-78.....                                                                                    | F                              | 18.38   | 6.87  | 7.70 52.18     |
| Pollock's Cuckoo Chick Feed.....                                                                 | G                              | 10.25   | 3.52  | 2.59 70.00     |
| 34-4-229 <sup>9</sup> .....                                                                      | F                              | 11.00   | 3.70  | 2.52 68.91     |
| 34-11-128.....                                                                                   | F                              | 11.31   | 3.96  | 2.50 71.48     |
| Pollock's Cuckoo Growing Mash with Cod Liver Oil<br>and Dried Buttermilk.....                    | G                              | 18.00   | 5.00  | 6.00 50.00     |
| 34-4-228.....                                                                                    | F                              | 19.31   | 5.98  | 4.84 49.84     |
| 34-11-122 <sup>14</sup> .....                                                                    | F                              | 19.00   | 6.20  | 4.85 51.71     |
| Pollock's Cuckoo Hen Scratch.....                                                                | G                              | 9.62    | 3.05  | 1.83 72.06     |
| 34-3-30.....                                                                                     | F                              | 9.75    | 2.83  | 1.85 70.83     |
| 34-11-124.....                                                                                   | F                              | 11.25   | 3.96  | 2.10 71.63     |
| Pollock's Cuckoo Starting Mash.....                                                              | G                              | 15.00   | 3.00  | 4.00 58.00     |
| 34-3-29.....                                                                                     | F                              | 17.06   | 4.89  | 3.45 55.10     |
| Pollock's Daisy Gray Wheat Shorts with Ground<br>Wheat Screenings not to Exceed Mill-run or 8 %. | G                              | 14.00   | 3.50  | 6.00 56.00     |
| 34-3-24.....                                                                                     | F                              | 16.81   | 6.00  | 6.88 56.25     |
| 34-11-129.....                                                                                   | F                              | 17.44   | 4.40  | 6.32 60.15     |
| Pollock's No. 2 Hen Scratch.....                                                                 | G                              | 9.00    | 2.40  | 2.00 72.00     |
| 34-3-32.....                                                                                     | F                              | 9.88    | 2.77  | 1.67 70.83     |
| Pollock's Surelay Egg Mash.....                                                                  | G                              | 18.00   | 5.00  | 8.00 50.00     |
| 34-3-26.....                                                                                     | F                              | 17.88   | 5.56  | 6.75 48.24     |
| 34-11-131.....                                                                                   | F                              | 18.13   | 7.07  | 1.71 56.04     |
| Red Dog Wheat Flour.....                                                                         | G                              | 13.00   | 2.00  | 1.50 70.56     |
| 34-3-28.....                                                                                     | F                              | 14.75   | 2.92  | 0.95 68.15     |
| Screened (or Graded) Corn Chop.....                                                              | G                              | 9.10    | 3.57  | 1.34 72.68     |
| 34-3-31 <sup>7</sup> .....                                                                       | F                              | 9.25    | 3.11  | 1.22 72.18     |
| 34-11-130 <sup>7</sup> .....                                                                     | F                              | 9.06    | 4.04  | 1.42 74.52     |
| Wheat Bran with Ground Wheat Screenings not to<br>Exceed Mill-run or 8 %.....                    | G                              | 15.00   | 3.00  | 11.00 50.00    |
| 34-5-92.....                                                                                     | F                              | 15.75   | 4.32  | 10.59 52.29    |
| <b>Potosi Mill and Elevator Co., Potosi, Mo.</b>                                                 |                                |         |       |                |
| Soft Wheat Gray Shorts and Wheat Screenings not<br>Exceeding Mill-run.....                       | G                              | 14.00   | 4.00  | 6.00 55.00     |
| 34-7-226.....                                                                                    | F                              | 18.31   | 8.13  | 5.40 56.53     |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses           |                      |       |       |    |
|----------------------------------------------------------------------------------------|-----------------------------|----------------------|-------|-------|----|
|                                                                                        | % Guaranteed (G)<br>Protein | and Found (F)<br>Fat | Fiber | N. F. | E. |
| Soft Wheat Mixed Feed with Wheat Screenings not Exceeding Mill-run or 5 %              | G 14.00                     | 3.50                 | 8.00  | 55.00 |    |
| 34-7-228                                                                               | F 16.63                     | 6.54                 | 8.09  | 55.46 |    |
| Wheat Mixed Feed with Mill-run Wheat Screenings and Corn Bran                          | G 13.00                     | 3.50                 | 9.00  | 55.00 |    |
| 34-7-227                                                                               | F 14.88                     | 6.93                 | 8.23  | 57.52 |    |
| <b>Pralrie Milling Co., Montgomery City, Mo.</b>                                       |                             |                      |       |       |    |
| Gray Wheat Shorts and Wheat Screenings not Exceeding Mill-run                          | G 15.50                     | 3.50                 | 6.00  | 46.00 |    |
| 34-3-19                                                                                | F 16.38                     | 5.71                 | 3.38  | 60.91 |    |
| Home Run Egg Mash                                                                      | G 17.00                     | 3.50                 | 8.00  | 46.00 |    |
| 34-2-215                                                                               | F 20.91                     | 5.62                 | 4.90  | 49.61 |    |
| Pure Wheat Bran                                                                        | G 12.00                     | 3.00                 | 10.00 | 40.00 |    |
| 34-2-213                                                                               | F 15.31                     | 4.24                 | 10.06 | 53.16 |    |
| Screened Corn Chops                                                                    | G 8.00                      | 3.00                 | 3.50  | 65.00 |    |
| 34-2-214                                                                               | F 8.81                      | 4.42                 | 1.91  | 69.45 |    |
| <b>Preston Roller Mills, Preston, Mo.</b>                                              |                             |                      |       |       |    |
| Gray Wheat Shorts                                                                      | G 15.00                     | 3.50                 | 6.00  | 56.00 |    |
| 34-3-269                                                                               | F 19.50                     | 4.20                 | 3.66  | 56.98 |    |
| Pure Wheat Bran                                                                        | G 14.50                     | 3.50                 | 11.00 | 47.00 |    |
| 34-3-270                                                                               | F 15.81                     | 3.39                 | 10.22 | 53.33 |    |
| <b>Producers Cotton Oil Co., Hobart, Okla.</b>                                         |                             |                      |       |       |    |
| Prime Whole Press Cotton Seed                                                          | G 28.00                     | 5.00                 | 24.00 | 28.00 |    |
| 34-10-213 <sup>3</sup>                                                                 | F 30.25                     | 6.74                 | 22.13 | 29.77 |    |
| <b>Producers Creamery Co., Chillicothe, Mo.</b>                                        |                             |                      |       |       |    |
| Dried Buttermilk                                                                       | G 30.00                     | 5.00                 | 0.00  | 40.00 |    |
| 34-5-170 <sup>9</sup>                                                                  | F 34.44                     | 7.10                 | 0.00  | 43.20 |    |
| <b>Producers Creamery Co., Springfield, Mo.</b>                                        |                             |                      |       |       |    |
| Land O' Smiles Dried Buttermilk for Animal Feed                                        | G 32.00                     | 5.00                 | 0.00  | 35.00 |    |
| 34-5-1 <sup>3</sup>                                                                    | F 32.75                     | 5.43                 | 0.00  | 49.86 |    |
| Land O' Smiles Dried Skim Milk for Animal Feed                                         | G 32.00                     | 0.25                 | 0.00  | 35.00 |    |
| 34-5-68 <sup>3</sup>                                                                   | F 34.19                     | 0.94                 | 0.00  | 52.79 |    |
| <b>Producers Exchange No. 148, California, Mo.</b>                                     |                             |                      |       |       |    |
| All-Way Mash                                                                           | G 12.00                     | 3.50                 | 5.50  | 54.00 |    |
| 34-3-262 <sup>4,5,16</sup>                                                             | F 14.25                     | 5.05                 | 3.63  | 59.18 |    |
| Chick Scratch                                                                          | G 10.00                     | 3.00                 | 2.00  | 65.00 |    |
| 34-2-263 <sup>6,23</sup>                                                               | F 11.44                     | 3.85                 | 1.57  | 69.42 |    |
| Economy Egg Mash                                                                       | G 20.00                     | 3.50                 | 5.00  | 50.00 |    |
| 34-3-260 <sup>4,5,12</sup>                                                             | F 21.88                     | 5.86                 | 5.45  | 45.43 |    |
| Gray Wheat Shorts and Wheat Screenings not to Exceed 8 %                               | G 14.00                     | 3.00                 | 6.00  | 61.00 |    |
| 34-1-76                                                                                | F 17.13                     | 3.74                 | 5.30  | 57.57 |    |
| 34-6-33                                                                                | F 18.06                     | 4.74                 | 6.78  | 54.73 |    |
| Hen Scratch                                                                            | G 11.00                     | 4.00                 | 5.00  | 57.00 |    |
| 34-5-5 <sup>4,5</sup>                                                                  | F 9.94                      | 3.11                 | 3.80  | 68.51 |    |
| Mill-Run Feed                                                                          | G 11.00                     | 3.00                 | 8.00  | 58.00 |    |
| 34-3-261 <sup>7,8</sup>                                                                | F 11.75                     | 4.52                 | 7.76  | 60.54 |    |
| Nature's Way Starting Mash                                                             | G 17.00                     | 4.50                 | 5.50  | 45.00 |    |
| 34-5-4                                                                                 | F 18.69                     | 5.10                 | 3.69  | 54.01 |    |
| Wheat Bran, Wheat Screenings not Exceeding ½ of 1 %                                    | G 14.00                     | 4.00                 | 10.00 | 55.00 |    |
| 34-6-32                                                                                | F 16.63                     | 5.38                 | 9.83  | 47.55 |    |
| <b>Producers Exchange No. 84, Lincoln, Mo.</b>                                         |                             |                      |       |       |    |
| Producers Chick Starter                                                                | G 14.00                     | 3.00                 | 7.00  | 40.00 |    |
| 34-7-224                                                                               | F 17.13                     | 7.78                 | 3.21  | 57.28 |    |
| Producers Growing Mash                                                                 | G 15.00                     | 3.00                 | 7.00  | 45.00 |    |
| 34-7-223                                                                               | F 18.50                     | 7.40                 | 4.33  | 49.89 |    |
| Producers Laying Mash                                                                  | G 18.00                     | 3.00                 | 8.00  | 45.00 |    |
| 34-7-222                                                                               | F 20.94                     | 7.86                 | 5.64  | 48.96 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |         |       |          |       |
|----------------------------------------------------------------------------------------|--------------------------------|---------|-------|----------|-------|
|                                                                                        | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N. | F. E. |
| <b>Producers Exchange No. 138, Marshfield, Mo.</b>                                     |                                |         |       |          |       |
| Producers All Mash.....                                                                | G                              | 14.00   | 3.25  | 5.00     | 50.00 |
| 34-5-206 <sup>10</sup> .....                                                           | F                              | 16.75   | 5.19  | 3.20     | 55.63 |
| Producers Dairy Feed.....                                                              | G                              | 18.00   | 4.50  | 10.00    | 52.00 |
| 34-5-208 <sup>8</sup> .....                                                            | F                              | 18.50   | 5.80  | 7.14     | 51.35 |
| 34-10-71 <sup>7</sup> .....                                                            | F                              | 18.31   | 5.56  | 7.48     | 52.40 |
| Producers Developing Mash.....                                                         | G                              | 17.00   | 3.50  | 6.00     | 50.00 |
| 34-5-207.....                                                                          | F                              | 18.38   | 5.48  | 4.47     | 49.82 |
| 34-10-69 <sup>8</sup> .....                                                            | F                              | 21.00   | 5.26  | 4.23     | 47.72 |
| Producers Laying Mash.....                                                             | G                              | 20.00   | 4.00  | 7.00     | 47.00 |
| 34-5-205.....                                                                          | F                              | 21.56   | 5.77  | 4.83     | 47.05 |
| 34-10-70 <sup>7</sup> .....                                                            | F                              | 20.69   | 5.75  | 5.78     | 46.41 |
| <b>Producers Exchange Co., Morrisville, Mo.</b>                                        |                                |         |       |          |       |
| Layquick Egg Mash.....                                                                 | G                              | 19.30   | 4.30  | 5.60     | 48.60 |
| 34-5-69 <sup>1,2</sup> .....                                                           | F                              | 20.88   | 5.92  | 5.07     | 48.09 |
| 34-5-70 <sup>1,2</sup> .....                                                           | F                              | 20.13   | 5.84  | 5.83     | 49.25 |
| 34-9-222 <sup>15,32,33</sup> .....                                                     | F                              | 21.63   | 6.65  | 4.85     | 47.79 |
| <b>Producers Exchange of Mountain Grove, Mountain Grove, Mo.</b>                       |                                |         |       |          |       |
| Davis Laying Mash.....                                                                 | G                              | 18.00   | 4.00  | 7.00     | 47.40 |
| 34-10-196 <sup>15</sup> .....                                                          | F                              | 20.31   | 6.67  | 6.54     | 48.59 |
| Farmers Dairy Feed.....                                                                | G                              | 16.00   | 4.50  | 12.50    | 45.00 |
| 34-2-24.....                                                                           | F                              | 18.31   | 6.53  | 6.95     | 52.39 |
| 34-10-197.....                                                                         | F                              | 19.13   | 6.45  | 9.71     | 50.40 |
| Square Deal Laying Mash.....                                                           | G                              | 18.00   | 4.00  | 6.00     | 50.00 |
| 34-2-25.....                                                                           | F                              | 19.81   | 6.44  | 5.85     | 51.85 |
| 34-10-195.....                                                                         | F                              | 20.00   | 1.19  | 5.42     | 57.54 |
| <b>Producers Grain Co., Centralia, Mo.</b>                                             |                                |         |       |          |       |
| Economy Laying Mash.....                                                               | G                              | 16.00   | 3.50  | 8.00     | 45.00 |
| 34-5-172 <sup>8</sup> .....                                                            | F                              | 20.00   | 4.78  | 5.66     | 51.18 |
| Hen La Laying Mash.....                                                                | G                              | 18.00   | 3.00  | 6.00     | 45.00 |
| 34-5-173.....                                                                          | F                              | 18.63   | 5.70  | 5.77     | 50.84 |
| Producers Own Starting Mash.....                                                       | G                              | 17.00   | 4.50  | 5.50     | 45.00 |
| 34-5-174 <sup>29</sup> .....                                                           | F                              | 18.06   | 10.61 | 3.69     | 50.20 |
| <b>Producers Grain Co., Eldorado Springs, Mo.</b>                                      |                                |         |       |          |       |
| Corn Feed Meal.....                                                                    | G                              | 9.00    | 3.50  | 3.50     | 65.00 |
| 34-2-93.....                                                                           | F                              | 9.38    | 4.89  | 1.78     | 66.69 |
| Farmers Friend Growing Mash.....                                                       | G                              | 17.00   | 3.50  | 6.00     | 46.00 |
| 34-9-231 <sup>23</sup> .....                                                           | F                              | 18.25   | 5.38  | 5.94     | 49.88 |
| Farmers Friend Laying Mash.....                                                        | G                              | 18.00   | 4.00  | 9.00     | 46.00 |
| 34-2-44 <sup>8</sup> .....                                                             | F                              | 18.44   | 5.02  | 6.21     | 49.10 |
| 34-9-230 <sup>8,23</sup> .....                                                         | F                              | 18.81   | 5.44  | 6.69     | 48.98 |
| Screened Corn Chops.....                                                               | G                              | 9.00    | 3.50  | 3.50     | 65.00 |
| 34-2-94.....                                                                           | F                              | 8.63    | 3.74  | 1.58     | 70.93 |
| <b>Producers Grain Co., Mexico, Mo.</b>                                                |                                |         |       |          |       |
| Model All Mash.....                                                                    | G                              | 14.50   | 4.20  | 4.00     | 60.00 |
| 34-11-119.....                                                                         | F                              | 14.06   | 4.06  | 3.53     | 61.35 |
| Our Leader Starting Mash.....                                                          | G                              | 17.00   | 4.50  | 5.50     | 45.00 |
| 34-5-111 <sup>29</sup> .....                                                           | F                              | 18.50   | 5.35  | 3.55     | 54.41 |
| <b>Producers Produce Co., Sweet Springs, Mo.</b>                                       |                                |         |       |          |       |
| Producers Best Growing Mash.....                                                       | G                              | 16.00   | 4.50  | 6.00     | 50.00 |
| 34-7-135.....                                                                          | F                              | 16.56   | 4.56  | 4.16     | 56.82 |
| Producers Best Laying Mash.....                                                        | G                              | 18.00   | 4.50  | 6.00     | 50.00 |
| 34-2-234.....                                                                          | F                              | 18.13   | 4.73  | 4.54     | 52.20 |
| Producers Best Starting Mash.....                                                      | G                              | 17.00   | 4.50  | 5.50     | 45.00 |
| 34-7-126.....                                                                          | F                              | 19.69   | 4.71  | 3.84     | 53.48 |
| Producers Chick Mash.....                                                              | G                              | 13.00   | 3.50  | 5.00     | 45.00 |
| 34-7-134 <sup>7</sup> .....                                                            | F                              | 15.44   | 4.68  | 4.02     | 56.55 |
| Producers Egg Mash.....                                                                | G                              | 18.00   | 3.50  | 6.50     | 45.00 |
| 34-2-235 <sup>7</sup> .....                                                            | F                              | 20.31   | 4.59  | 5.00     | 47.38 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber N. F. E. |      |       |       |
|----------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------|------|-------|-------|
| <b>Pueblo Flour Mills, Pueblo, Colo.</b>                                               |   |                                                                                             |      |       |       |
| Wheat Gray Shorts.....                                                                 | G | 16.00                                                                                       | 3.50 | 6.00  | 55.00 |
| 34-8-151 <sup>23</sup> .....                                                           | F | 18.38                                                                                       | 3.53 | 3.88  | 59.87 |
| <b>The Quaker Oats Co., Chicago, Ill.</b>                                              |   |                                                                                             |      |       |       |
| Aunt Jemima Gray Wheat Shorts and Ground Wheat Screenings.....                         | G | 16.00                                                                                       | 4.00 | 6.00  | 55.00 |
| 34-6-79.....                                                                           | F | 17.88                                                                                       | 4.40 | 5.55  | 56.22 |
| Aunt Jemima Pure Wheat Bran.....                                                       | G | 14.50                                                                                       | 3.50 | 11.00 | 55.00 |
| 34-6-80.....                                                                           | F | 16.69                                                                                       | 4.15 | 9.66  | 51.57 |
| Buckeye Feed.....                                                                      | G | 15.50                                                                                       | 4.50 | 10.00 | 53.00 |
| 34-7-3.....                                                                            | F | 17.19                                                                                       | 5.38 | 7.23  | 53.88 |
| Quaker Ful-O-Pep Chick Starter.....                                                    | G | 17.00                                                                                       | 5.00 | 7.00  | 50.00 |
| 34-3-73.....                                                                           | F | 17.63                                                                                       | 5.84 | 6.71  | 52.94 |
| 34-3-152.....                                                                          | F | 16.69                                                                                       | 6.49 | 4.61  | 58.17 |
| 34-8-141.....                                                                          | F | 17.31                                                                                       | 5.84 | 5.33  | 58.46 |
| Quaker Ful-O-Pep Egg Mash.....                                                         | G | 20.00                                                                                       | 4.50 | 8.00  | 45.00 |
| 34-6-7.....                                                                            | F | 21.56                                                                                       | 4.94 | 5.60  | 50.70 |
| 34-7-89.....                                                                           | F | 20.13                                                                                       | 6.65 | 6.25  | 50.38 |
| 34-9-236.....                                                                          | F | 20.38                                                                                       | 6.24 | 5.84  | 49.94 |
| Quaker Ful-O-Pep Growing Mash.....                                                     | G | 19.00                                                                                       | 5.00 | 6.00  | 47.00 |
| 34-8-139.....                                                                          | F | 20.00                                                                                       | 6.13 | 5.09  | 53.67 |
| Quaker Ful-O-Pep Scratch Grains.....                                                   | G | 9.00                                                                                        | 2.00 | 3.00  | 65.00 |
| 34-1-237.....                                                                          | F | 10.50                                                                                       | 4.60 | 1.86  | 70.69 |
| Quaker Ful-O-Pep Shipping Grade Fattening Feed...                                      | G | 12.00                                                                                       | 4.50 | 5.50  | 60.00 |
| 34-1-232.....                                                                          | F | 14.81                                                                                       | 6.70 | 3.75  | 62.29 |
| 34-8-140.....                                                                          | F | 15.38                                                                                       | 4.54 | 5.26  | 63.11 |
| Quaker Green Cross Horse Feed.....                                                     | G | 10.00                                                                                       | 2.50 | 14.00 | 54.00 |
| 34-8-157 <sup>9</sup> .....                                                            | F | 11.69                                                                                       | 2.84 | 11.10 | 61.07 |
| Quaker 24 % Protein Dairy Ration.....                                                  | G | 24.00                                                                                       | 4.00 | 12.00 | 40.00 |
| 34-12-103.....                                                                         | F | 25.31                                                                                       | 4.60 | 10.99 | 39.64 |
| Quaker Sugared Schumacker Feed.....                                                    | G | 10.00                                                                                       | 3.00 | 12.00 | 58.00 |
| 34-1-227.....                                                                          | F | 11.75                                                                                       | 4.16 | 11.27 | 57.63 |
| 34-1-236.....                                                                          | F | 11.75                                                                                       | 5.26 | 10.12 | 56.76 |
| 34-9-99.....                                                                           | F | 11.63                                                                                       | 4.89 | 8.70  | 59.80 |
| 34-10-149.....                                                                         | F | 12.69                                                                                       | 4.64 | 9.79  | 56.81 |
| 34-12-94.....                                                                          | F | 11.56                                                                                       | 5.70 | 9.29  | 57.99 |
| Screened Cracked Corn.....                                                             | G | 8.00                                                                                        | 3.50 | 2.50  | 70.00 |
| 34-3-155.....                                                                          | F | 8.94                                                                                        | 4.25 | 1.77  | 71.86 |
| 34-8-175.....                                                                          | F | 10.19                                                                                       | 4.10 | 1.09  | 73.31 |
| 34-12-105.....                                                                         | F | 9.31                                                                                        | 4.98 | 1.78  | 71.58 |
| Sugared Vim Feed.....                                                                  | G | 5.00                                                                                        | 1.25 | 27.50 | 52.50 |
| 34-3-140.....                                                                          | F | 6.19                                                                                        | 1.97 | 25.33 | 51.38 |
| 34-9-92.....                                                                           | F | 5.31                                                                                        | 2.21 | 27.45 | 50.85 |
| 34-9-175.....                                                                          | F | 5.69                                                                                        | 1.72 | 27.01 | 50.47 |
| Sugared Vim Feed-Cubed.....                                                            | G | 4.50                                                                                        | 1.50 | 25.00 | 47.50 |
| 34-12-92.....                                                                          | F | 3.90                                                                                        | 2.94 | 26.26 | 51.78 |
| Vim Feed.....                                                                          | G | 5.00                                                                                        | 2.00 | 30.00 | 47.00 |
| 34-8-125.....                                                                          | F | 5.81                                                                                        | 1.58 | 29.98 | 49.02 |
| 34-12-6.....                                                                           | F | 9.25                                                                                        | 1.90 | 30.63 | 42.65 |
| 34-12-22.....                                                                          | F | 10.44                                                                                       | 2.14 | 29.49 | 43.28 |
| 34-12-139.....                                                                         | F | 6.94                                                                                        | 2.00 | 28.12 | 48.97 |
| White Hominy Feed.....                                                                 | G | 10.00                                                                                       | 5.00 | 5.00  | 64.00 |
| 34-1-198.....                                                                          | F | 11.38                                                                                       | 5.77 | 4.64  | 65.37 |
| 34-3-112.....                                                                          | F | 11.94                                                                                       | 8.32 | 5.23  | 61.51 |
| 34-8-165.....                                                                          | F | 12.06                                                                                       | 6.59 | 5.66  | 64.58 |
| 34-8-187.....                                                                          | F | 12.56                                                                                       | 7.01 | 5.78  | 63.31 |
| 34-10-19.....                                                                          | F | 12.13                                                                                       | 6.18 | 5.00  | 64.31 |
| 34-12-28.....                                                                          | F | 11.63                                                                                       | 6.05 | 4.76  | 62.54 |
| Yellow Hominy Feed.....                                                                | G | 10.00                                                                                       | 5.00 | 5.00  | 64.00 |
| 34-12-66.....                                                                          | F | 10.75                                                                                       | 5.04 | 4.36  | 65.16 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key   | Chemical Analyses              |       |       |       |       |
|------------------------------------------------------------------------------------------|--------------------------------|-------|-------|-------|-------|
|                                                                                          | % Guaranteed (G) and Found (F) |       |       |       |       |
|                                                                                          | Protein                        | Fat   | Fiber | N. F. | E.    |
| <b>C. E. Queen, Southwest City, Mo.</b>                                                  |                                |       |       |       |       |
| Queen's Growing Mash.....                                                                | G                              | 15.00 | 3.50  | 6.00  | 52.00 |
| 34-6-64 <sup>7</sup> .....                                                               | F                              | 17.13 | 4.90  | 3.85  | 55.42 |
| Queen Laying Mash.....                                                                   | G                              | 20.00 | 3.50  | 7.50  | 53.00 |
| 34-6-63 <sup>7,8</sup> .....                                                             | F                              | 18.81 | 4.03  | 5.01  | 55.04 |
| <b>Quisenberry Feed Products Co., Kansas City, Mo.</b>                                   |                                |       |       |       |       |
| Blue Ribbon Laying Mash.....                                                             | G                              | 18.00 | 4.00  | 8.00  | 47.00 |
| 34-2-155.....                                                                            | F                              | 18.88 | 5.36  | 5.19  | 53.10 |
| Quisenberry Quality 16 ½ % Dairy Feed (Molasses)..<br>34-3-208 <sup>7,8,9,12</sup> ..... | G                              | 16.50 | 4.00  | 15.00 | 43.00 |
| Quisenberry Quality 24 % Dairy Feed, Dry.....                                            | F                              | 19.06 | 3.83  | 6.02  | 51.77 |
| 34-3-207.....                                                                            | G                              | 24.00 | 4.50  | 11.00 | 40.00 |
| Quisenberry Quality Battery Broiler Mash.....                                            | F                              | 24.25 | 4.65  | 7.75  | 45.84 |
| 34-3-216 <sup>8</sup> .....                                                              | G                              | 16.00 | 4.00  | 7.00  | 51.00 |
| Quisenberry Quality Blue Ribbon Chick Scratch.....                                       | F                              | 22.50 | 5.77  | 5.01  | 48.52 |
| 34-3-221.....                                                                            | G                              | 10.00 | 2.50  | 3.50  | 60.00 |
| Quisenberry Quality Blue Ribbon Growing Mash....                                         | F                              | 10.19 | 2.96  | 1.57  | 70.38 |
| 34-3-211.....                                                                            | G                              | 16.00 | 4.00  | 7.00  | 51.00 |
| Quisenberry Quality Blue Ribbon Hen Scratch.....                                         | F                              | 19.19 | 4.79  | 4.98  | 51.58 |
| 34-3-219.....                                                                            | G                              | 10.00 | 2.50  | 4.50  | 56.00 |
| Quisenberry Quality Blue Ribbon Laying Mash.....                                         | F                              | 10.63 | 3.14  | 2.41  | 69.32 |
| 34-3-212 <sup>12</sup> .....                                                             | G                              | 18.00 | 4.00  | 8.00  | 47.00 |
| 34-9-195.....                                                                            | F                              | 20.50 | 4.24  | 6.97  | 48.31 |
| Quisenberry Quality Blue Ribbon Starting Food.....                                       | F                              | 17.83 | 4.84  | 6.51  | 51.61 |
| 34-3-213.....                                                                            | G                              | 14.00 | 4.00  | 7.00  | 50.00 |
| Quisenberry Quality Calf Meal.....                                                       | F                              | 14.75 | 4.27  | 5.76  | 56.76 |
| 34-3-225 <sup>7</sup> .....                                                              | G                              | 24.00 | 5.00  | 7.00  | 48.00 |
| Quisenberry Quality Cornless Chick Feed.....                                             | F                              | 22.75 | 5.00  | 6.47  | 48.14 |
| 34-3-204.....                                                                            | G                              | 11.00 | 2.50  | 3.00  | 60.00 |
| Quisenberry Quality Good as Gold Mixed Feed.....                                         | F                              | 12.50 | 2.81  | 2.70  | 65.29 |
| 34-9-186 <sup>14</sup> .....                                                             | G                              | 14.00 | 3.50  | 11.00 | 53.00 |
| Quisenberry Quality Growing Mash with Buttermilk..                                       | F                              | 12.38 | 3.72  | 10.80 | 49.85 |
| 34-3-218.....                                                                            | G                              | 16.50 | 4.00  | 6.00  | 50.00 |
| Quisenberry Quality Husky Chick Scratch, Fine.....                                       | F                              | 18.25 | 4.71  | 1.98  | 57.12 |
| 34-3-222.....                                                                            | G                              | 10.50 | 2.50  | 3.00  | 60.00 |
| Quisenberry Quality Husky Chick Scratch, Medium..                                        | F                              | 10.31 | 2.72  | 1.34  | 71.07 |
| 34-3-223.....                                                                            | G                              | 10.00 | 2.50  | 3.00  | 60.00 |
| Quisenberry Quality Hog Feed.....                                                        | F                              | 10.31 | 4.53  | 1.86  | 69.00 |
| 34-3-206 <sup>8,9</sup> .....                                                            | G                              | 16.00 | 4.00  | 8.00  | 51.00 |
| Quisenberry Quality Laying Mash with Buttermilk..<br>34-3-217.....                       | F                              | 18.69 | 4.96  | 5.70  | 51.76 |
| Quisenberry Quality More-Egg Hen Scratch.....                                            | G                              | 19.00 | 4.00  | 6.00  | 49.00 |
| 34-3-220.....                                                                            | F                              | 19.38 | 4.16  | 4.42  | 53.05 |
| Quisenberry Quality More-Egg Laying Mash.....                                            | G                              | 10.00 | 2.50  | 3.50  | 57.00 |
| 34-3-215.....                                                                            | F                              | 10.81 | 2.96  | 2.03  | 69.27 |
| Quisenberry Quality Pig Meal.....                                                        | G                              | 18.00 | 4.00  | 6.00  | 49.00 |
| 34-3-205 <sup>8,9</sup> .....                                                            | F                              | 18.88 | 4.49  | 5.12  | 51.28 |
| Quisenberry Quality Pigeon Feed.....                                                     | G                              | 18.00 | 4.00  | 7.00  | 47.00 |
| 34-3-209 <sup>9</sup> .....                                                              | F                              | 20.50 | 4.76  | 6.19  | 47.46 |
| Quisenberry Quality Quick Fattener.....                                                  | G                              | 15.00 | 2.00  | 4.00  | 60.00 |
| 34-3-214.....                                                                            | F                              | 12.31 | 2.49  | 2.16  | 68.16 |
| Quisenberry Quality Rabbit Feed.....                                                     | G                              | 12.50 | 4.50  | 6.00  | 50.00 |
| 34-3-224 <sup>8,9</sup> .....                                                            | F                              | 15.19 | 4.75  | 5.08  | 60.50 |
| Quisenberry Quality Starting Food with Buttermilk..<br>34-3-210.....                     | G                              | 12.00 | 2.50  | 6.00  | 54.00 |
| 34-7-59.....                                                                             | F                              | 12.69 | 2.99  | 6.25  | 62.24 |
|                                                                                          | G                              | 15.00 | 4.00  | 5.00  | 51.00 |
|                                                                                          | F                              | 16.50 | 4.35  | 4.85  | 56.89 |
|                                                                                          | F                              | 16.38 | 5.18  | 4.43  | 57.83 |
| <b>Racine Milling Co., Racine, Mo.</b>                                                   |                                |       |       |       |       |
| Ramilco Corn Chops.....                                                                  | G                              | 9.25  | 3.40  | 3.60  | 71.37 |
| 34-7-97 <sup>4,5,9,18</sup> .....                                                        | F                              | 9.56  | 4.49  | 1.86  | 67.25 |
| Ramilco Mixed Feed.....                                                                  | G                              | 13.00 | 3.00  | 15.00 | 53.00 |
| 34-7-96 <sup>7</sup> .....                                                               | F                              | 15.25 | 4.21  | 9.64  | 52.64 |

| Manufacturer and Address                                                                                                         |                            | Chemical Analyses                                  |                                              |                                              |                                                    |  |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------------|--|
| Brand Name, Laboratory Number                                                                                                    |                            | % Guaranteed (G) and Found (F)                     |                                              |                                              |                                                    |  |
| "Superior" Figure—see Key                                                                                                        |                            | Protein                                            | Fat                                          | Fiber                                        | N. F. E.                                           |  |
| <b>Ralston Purina Co., St. Louis, Mo.</b>                                                                                        |                            |                                                    |                                              |                                              |                                                    |  |
| Protena 24 % Dairy Feed.....                                                                                                     | G                          | 24.00                                              | 3.50                                         | 12.00                                        | 38.00                                              |  |
| 34-7-185.....                                                                                                                    | F                          | 26.00                                              | 4.05                                         | 7.39                                         | 48.08                                              |  |
| 34-12-49.....                                                                                                                    | F                          | 26.63                                              | 4.25                                         | 6.41                                         | 44.90                                              |  |
| Protena Feed.....                                                                                                                | G                          | 16.00                                              | 2.00                                         | 18.00                                        | 42.00                                              |  |
| 34-1-72.....                                                                                                                     | F                          | 17.31                                              | 3.66                                         | 14.31                                        | 45.07                                              |  |
| 34-7-183.....                                                                                                                    | F                          | 18.38                                              | 4.67                                         | 16.32                                        | 45.60                                              |  |
| 34-12-45.....                                                                                                                    | F                          | 18.44                                              | 3.57                                         | 14.28                                        | 46.20                                              |  |
| Protena Scratch Feed.....                                                                                                        | G                          | 9.50                                               | 2.00                                         | 4.00                                         | 62.00                                              |  |
| 34-1-80.....                                                                                                                     | F                          | 10.13                                              | 3.32                                         | 2.03                                         | 70.39                                              |  |
| 34-3-144.....                                                                                                                    | F                          | 11.56                                              | 4.05                                         | 1.82                                         | 69.04                                              |  |
| 34-3-186.....                                                                                                                    | F                          | 11.31                                              | 4.67                                         | 2.05                                         | 69.77                                              |  |
| 34-5-210.....                                                                                                                    | F                          | 11.69                                              | 3.91                                         | 1.89                                         | 68.47                                              |  |
| 34-7-92.....                                                                                                                     | F                          | 11.31                                              | 3.69                                         | 1.97                                         | 71.57                                              |  |
| 34-8-1.....                                                                                                                      | F                          | 11.56                                              | 4.11                                         | 2.43                                         | 66.12                                              |  |
| 34-11-90.....                                                                                                                    | F                          | 11.06                                              | 6.27                                         | 2.43                                         | 68.51                                              |  |
| Protena Sweet Feed "A".....                                                                                                      | G                          | 4.50                                               | 1.40                                         | 24.00                                        | 48.00                                              |  |
| 34-3-275.....                                                                                                                    | F                          | 5.19                                               | 1.48                                         | 21.71                                        | 55.21                                              |  |
| Protena Sweet Feed "B".....                                                                                                      | G                          | 8.00                                               | 2.00                                         | 12.00                                        | 48.00                                              |  |
| 34-12-31.....                                                                                                                    | F                          | 11.88                                              | 3.99                                         | 11.10                                        | 56.13                                              |  |
| Protena Sweet Feed "E".....                                                                                                      | G                          | 10.00                                              | 1.20                                         | 23.00                                        | 46.00                                              |  |
| 34-11-120.....                                                                                                                   | F                          | 13.25                                              | 2.07                                         | 20.66                                        | 47.70                                              |  |
| Protena Sweet Roughage Feed.....                                                                                                 | G                          | 6.00                                               | 1.00                                         | 30.00                                        | 45.00                                              |  |
| 34-1-40.....                                                                                                                     | F                          | 7.94                                               | 1.93                                         | 26.85                                        | 46.05                                              |  |
| Pure Wheat Bran.....                                                                                                             | G                          | 14.50                                              | 3.50                                         | 11.00                                        | 47.00                                              |  |
| 34-3-273.....                                                                                                                    | F                          | 18.00                                              | 4.48                                         | 8.27                                         | 49.53                                              |  |
| Purina All-Mash Egg Chowder.....                                                                                                 | G                          | 15.50                                              | 3.50                                         | 8.00                                         | 47.00                                              |  |
| 34-1-42.....                                                                                                                     | F                          | 18.63                                              | 5.60                                         | 4.59                                         | 48.54                                              |  |
| Purina Breeder Egg Chowder.....                                                                                                  | G                          | 19.00                                              | 3.50                                         | 8.00                                         | 44.00                                              |  |
| 34-7-175.....                                                                                                                    | F                          | 22.25                                              | 5.85                                         | 6.99                                         | 47.89                                              |  |
| 34-12-44.....                                                                                                                    | F                          | 19.14                                              | 5.07                                         | 6.30                                         | 47.66                                              |  |
| Purina Broiler Chow.....                                                                                                         | G                          | 18.00                                              | 4.00                                         | 7.00                                         | 46.00                                              |  |
| 34-7-115.....                                                                                                                    | F                          | 19.13                                              | 5.78                                         | 4.32                                         | 54.88                                              |  |
| 34-8-4.....                                                                                                                      | F                          | 20.38                                              | 5.83                                         | 4.31                                         | 50.26                                              |  |
| 34-12-34.....                                                                                                                    | F                          | 21.13                                              | 5.47                                         | 4.75                                         | 52.13                                              |  |
| Purina Bulky Cow Chow.....                                                                                                       | G                          | 16.00                                              | 3.00                                         | 12.00                                        | 47.00                                              |  |
| 34-7-166 <sup>8</sup> .....                                                                                                      | F                          | 16.50                                              | 3.11                                         | 10.34                                        | 54.74                                              |  |
| Purina Bulky Lass Chow.....                                                                                                      | G                          | 9.00                                               | 1.30                                         | 18.00                                        | 52.00                                              |  |
| 34-7-247.....                                                                                                                    | F                          | 13.63                                              | 3.30                                         | 14.41                                        | 51.32                                              |  |
| 34-12-39.....                                                                                                                    | F                          | 13.81                                              | 3.01                                         | 12.47                                        | 51.14                                              |  |
| Purina Bulky Omolene.....                                                                                                        | G                          | 10.00                                              | 3.20                                         | 11.00                                        | 54.00                                              |  |
| 34-7-163.....                                                                                                                    | F                          | 12.56                                              | 5.35                                         | 8.40                                         | 59.37                                              |  |
| 34-12-50.....                                                                                                                    | F                          | 13.31                                              | 4.26                                         | 8.29                                         | 57.96                                              |  |
| Purina Calf Starting Chow.....                                                                                                   | G                          | 23.00                                              | 3.20                                         | 7.00                                         | 42.00                                              |  |
| 34-7-169.....                                                                                                                    | F                          | 25.63                                              | 4.70                                         | 5.29                                         | 49.67                                              |  |
| 34-12-43.....                                                                                                                    | F                          | 23.75                                              | 4.66                                         | 6.04                                         | 46.41                                              |  |
| Purina Cattle Checkers.....                                                                                                      | G                          | 12.00                                              | 2.00                                         | 10.00                                        | 52.00                                              |  |
| 34-7-167.....                                                                                                                    | F                          | 13.69                                              | 7.61                                         | 6.85                                         | 60.62                                              |  |
| Purina Checkerboard Rolled Oats (Steam Cooked)...<br>34-1-73 <sup>2</sup> .....                                                  | G<br>F                     | 15.00<br>16.50                                     | 5.00<br>5.46                                 | 2.00<br>1.34                                 | 63.00<br>64.49                                     |  |
| Purina Chick Chow (Coarse).....<br>34-7-252.....<br>34-8-13.....<br>34-9-203.....                                                | G<br>F<br>F<br>F           | 10.00<br>11.81<br>12.00<br>12.31                   | 2.50<br>3.51<br>3.24<br>3.22                 | 4.00<br>1.95<br>2.25<br>2.26                 | 65.00<br>72.24<br>71.65<br>69.56                   |  |
| Purina Chick Chow (Fine).....<br>34-7-250.....                                                                                   | G<br>F                     | 10.00<br>13.19                                     | 2.00<br>3.96                                 | 4.00<br>2.20                                 | 65.00<br>69.38                                     |  |
| Purina Chick Growena (Complete All Mash).....<br>34-6-144.....<br>34-7-242.....<br>34-8-8.....<br>34-9-202.....<br>34-12-42..... | G<br>F<br>F<br>F<br>F<br>F | 15.00<br>19.38<br>17.00<br>16.69<br>19.25<br>20.06 | 3.50<br>4.81<br>5.24<br>5.20<br>5.79<br>4.56 | 7.00<br>5.42<br>5.97<br>6.95<br>5.46<br>5.64 | 50.00<br>54.39<br>56.13<br>55.23<br>52.38<br>49.87 |  |
| Purina Chick Startena, Complete All Mash.....<br>34-3-132.....                                                                   | G<br>F                     | 18.00<br>20.75                                     | 4.00<br>5.31                                 | 7.00<br>4.38                                 | 46.00<br>52.01                                     |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |       |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|-------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |       |
|                                                                                        | Protein           | Fat            | Fiber         | N.    | F. E. |
| 34-3-187.....                                                                          | F                 | 21.06          | 5.92          | 5.03  | 51.31 |
| 34-8-5.....                                                                            | F                 | 21.06          | 6.17          | 5.03  | 51.54 |
| 34-9-200.....                                                                          | F                 | 20.75          | 6.19          | 4.62  | 51.23 |
| 34-11-163.....                                                                         | F                 | 20.88          | 5.41          | 4.55  | 53.26 |
| Purina Chicken Fat Chow.....                                                           | G                 | 15.50          | 3.00          | 5.00  | 55.00 |
| 34-7-181.....                                                                          | F                 | 17.13          | 6.20          | 3.88  | 60.51 |
| Purina Chicken Fatena.....                                                             | G                 | 12.00          | 3.00          | 6.60  | 58.00 |
| 34-2-112.....                                                                          | F                 | 15.25          | 5.39          | 5.18  | 59.61 |
| 34-3-254.....                                                                          | F                 | 14.88          | 5.43          | 5.31  | 60.91 |
| 34-7-168.....                                                                          | F                 | 16.00          | 4.80          | 4.90  | 61.50 |
| 34-8-7 <sup>10</sup> .....                                                             | F                 | 16.00          | 5.04          | 5.09  | 61.61 |
| 34-12-46.....                                                                          | F                 | 16.44          | 5.46          | 4.98  | 58.77 |
| Purina Chick Startena (Complete All Mash).....                                         | G                 | 18.00          | 4.00          | 7.00  | 46.00 |
| 34-7-114.....                                                                          | F                 | 20.88          | 6.20          | 4.06  | 52.67 |
| Purina 32 % Chowder.....                                                               | G                 | 32.00          | 3.00          | 9.00  | 29.00 |
| 34-7-178 <sup>8,10</sup> .....                                                         | F                 | 35.00          | 7.59          | 7.14  | 29.75 |
| 34-7-249.....                                                                          | F                 | 34.31          | 6.77          | 7.19  | 28.48 |
| Purina 32 % Chowder with Cod Liver Oil.....                                            | G                 | 32.00          | 3.00          | 9.00  | 29.00 |
| 34-7-177.....                                                                          | F                 | 33.44          | 7.68          | 6.89  | 30.43 |
| Purina 24 % Cow Chow.....                                                              | G                 | 24.00          | 3.00          | 12.00 | 40.00 |
| 34-1-67.....                                                                           | F                 | 23.03          | 4.06          | 9.58  | 42.20 |
| 34-1-86.....                                                                           | F                 | 25.56          | 4.47          | 10.06 | 42.97 |
| 34-4-16.....                                                                           | F                 | 24.94          | 3.49          | 11.19 | 42.16 |
| Purina 20 % Dairy Feed.....                                                            | G                 | 20.00          | 3.00          | 12.00 | 38.00 |
| 34-3-183.....                                                                          | F                 | 21.88          | 4.93          | 7.97  | 48.43 |
| 34-7-184.....                                                                          | F                 | 24.25          | 4.62          | 7.29  | 49.71 |
| 34-12-36.....                                                                          | F                 | 21.36          | 4.00          | 7.89  | 49.03 |
| Purina Egg Chowder.....                                                                | G                 | 19.00          | 3.50          | 8.00  | 44.00 |
| 34-5-215.....                                                                          | F                 | 22.31          | 5.82          | 6.46  | 44.88 |
| 34-7-176.....                                                                          | F                 | 20.38          | 5.98          | 6.35  | 47.50 |
| 34-11-167.....                                                                         | F                 | 19.94          | 5.42          | 6.26  | 48.17 |
| 34-12-30.....                                                                          | F                 | 23.81          | 5.48          | 6.27  | 45.71 |
| Purina Egg Chowder Containing Minerals.....                                            | G                 | 19.00          | 3.50          | 8.00  | 47.00 |
| 34-1-70 <sup>1</sup> .....                                                             | F                 | 21.75          | 3.48          | 6.23  | 49.40 |
| Purina Family Flock Ration.....                                                        | G                 | 15.00          | 3.50          | 8.00  | 47.00 |
| 34-1-44.....                                                                           | F                 | 18.19          | 4.92          | 4.64  | 51.23 |
| 34-1-68.....                                                                           | F                 | 15.38          | 4.55          | 4.35  | 56.96 |
| 34-1-82.....                                                                           | F                 | 19.19          | 4.60          | 4.74  | 52.58 |
| 34-2-111.....                                                                          | F                 | 16.25          | 4.55          | 4.24  | 54.03 |
| 34-3-195.....                                                                          | F                 | 17.13          | 4.91          | 4.85  | 52.63 |
| 34-4-13.....                                                                           | F                 | 18.25          | 3.05          | 5.22  | 54.87 |
| 34-7-246.....                                                                          | F                 | 15.13          | 4.83          | 5.65  | 56.06 |
| Purina Fitting Chow.....                                                               | G                 | 13.50          | 2.60          | 12.00 | 50.00 |
| 34-8-19.....                                                                           | F                 | 16.81          | 3.63          | 11.02 | 53.28 |
| Purina Green Checker Cow Chow (24 %).....                                              | G                 | 24.00          | 3.00          | 12.00 | 40.00 |
| 34-2-107.....                                                                          | F                 | 24.81          | 4.31          | 9.57  | 38.69 |
| 34-3-201.....                                                                          | F                 | 25.94          | 4.58          | 9.57  | 41.72 |
| 34-3-255 <sup>8,10</sup> .....                                                         | F                 | 26.63          | 4.25          | 9.84  | 42.43 |
| 34-7-112.....                                                                          | F                 | 26.06          | 4.81          | 8.90  | 44.20 |
| 34-7-245.....                                                                          | F                 | 26.38          | 4.42          | 11.01 | 43.18 |
| 34-9-204.....                                                                          | F                 | 25.63          | 5.39          | 10.69 | 41.08 |
| 34-12-21.....                                                                          | F                 | 26.44          | 5.33          | 9.86  | 41.79 |
| Purina Growing Chow.....                                                               | G                 | 17.00          | 3.50          | 7.00  | 48.00 |
| 34-7-111.....                                                                          | F                 | 20.06          | 5.57          | 5.50  | 51.78 |
| 34-7-173.....                                                                          | F                 | 18.88          | 5.75          | 5.30  | 51.65 |
| 34-8-10.....                                                                           | F                 | 21.50          | 5.33          | 5.69  | 48.63 |
| Purina Hen Chow.....                                                                   | G                 | 10.00          | 2.50          | 4.00  | 65.00 |
| 34-1-77.....                                                                           | F                 | 11.38          | 3.60          | 2.84  | 69.07 |
| 34-1-74.....                                                                           | F                 | 11.13          | 3.26          | 2.79  | 69.61 |
| 34-5-213.....                                                                          | F                 | 11.56          | 4.53          | 2.61  | 66.91 |
| 34-7-251.....                                                                          | F                 | 22.75          | 3.84          | 3.01  | 59.50 |
| 34-12-13.....                                                                          | F                 | 12.00          | 4.18          | 2.28  | 69.58 |
| Purina Hog Fatena.....                                                                 | G                 | 14.00          | 3.00          | 7.00  | 52.00 |
| 34-12-51.....                                                                          | F                 | 18.06          | 3.92          | 4.95  | 53.96 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |       |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|-------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |       |
|                                                                                        | Protein           | Fat            | Fiber         | N. F. | E.    |
| Purina Lamb Fatena.....                                                                | G                 | 12.00          | 2.00          | 10.00 | 52.00 |
| 34-7-170.....                                                                          | F                 | 14.75          | 5.44          | 6.25  | 58.04 |
| Purina Lay Chow.....                                                                   | G                 | 17.00          | 2.50          | 8.00  | 46.00 |
| 34-1-43.....                                                                           | F                 | 20.94          | 5.42          | 4.91  | 46.72 |
| 34-1-81.....                                                                           | F                 | 20.44          | 4.52          | 4.78  | 50.76 |
| 34-4-35.....                                                                           | F                 | 18.36          | 3.50          | 5.54  | 53.95 |
| Purina Lay Chow.....                                                                   | G                 | 19.00          | 3.50          | 8.00  | 44.00 |
| 34-2-106.....                                                                          | F                 | 20.06          | 5.20          | 5.24  | 44.74 |
| 34-5-209 <sup>9</sup> .....                                                            | F                 | 25.13          | 6.24          | 6.04  | 45.74 |
| 34-8-2.....                                                                            | F                 | 19.75          | 5.19          | 6.39  | 46.42 |
| 34-9-74.....                                                                           | F                 | 21.38          | 5.13          | 6.91  | 47.41 |
| 34-9-205.....                                                                          | F                 | 22.69          | 6.00          | 5.30  | 43.40 |
| 34-9-242.....                                                                          | F                 | 20.31          | 4.65          | 6.32  | 48.05 |
| 34-12-48.....                                                                          | F                 | 23.06          | 3.66          | 6.70  | 44.40 |
| Purina Lay Chow (with Cod Liver Oil).....                                              | G                 | 19.00          | 3.50          | 8.00  | 44.00 |
| 34-7-174 <sup>8,9</sup> .....                                                          | F                 | 16.31          | 5.21          | 5.91  | 54.55 |
| Purina Layena (Complete All Mash).....                                                 | G                 | 15.50          | 3.50          | 8.00  | 47.00 |
| 34-3-188 <sup>8,10</sup> .....                                                         | F                 | 18.00          | 5.49          | 5.47  | 50.78 |
| 34-8-3.....                                                                            | F                 | 17.00          | 5.33          | 4.65  | 50.16 |
| 34-9-201.....                                                                          | F                 | 16.75          | 5.49          | 4.70  | 53.81 |
| 34-10-155 <sup>14</sup> .....                                                          | F                 | 18.00          | 5.39          | 4.67  | 52.15 |
| 34-12-41.....                                                                          | F                 | 19.63          | 5.35          | 5.18  | 49.14 |
| Purina Omolene.....                                                                    | G                 | 10.00          | 3.20          | 9.00  | 60.00 |
| 34-3-185.....                                                                          | F                 | 11.44          | 4.46          | 6.56  | 62.58 |
| 34-7-248 <sup>10</sup> .....                                                           | F                 | 11.88          | 5.32          | 6.54  | 63.42 |
| 34-8-12 <sup>10</sup> .....                                                            | F                 | 12.63          | 4.08          | 6.80  | 62.54 |
| 34-12-38.....                                                                          | F                 | 13.13          | 4.55          | 6.51  | 59.59 |
| Purina Omolene Chow.....                                                               | G                 | 10.00          | 3.20          | 9.00  | 60.00 |
| 34-1-85.....                                                                           | F                 | 12.44          | 4.10          | 6.73  | 60.54 |
| Purina Fig and Hog Chow.....                                                           | G                 | 36.00          | 3.00          | 14.00 | 25.00 |
| 34-4-26.....                                                                           | F                 | 35.25          | 5.21          | 8.93  | 30.06 |
| 34-7-69.....                                                                           | F                 | 37.75          | 6.42          | 10.06 | 25.60 |
| 34-7-243.....                                                                          | F                 | 37.19          | 6.41          | 10.82 | 24.91 |
| 34-12-40.....                                                                          | F                 | 38.00          | 5.21          | 10.12 | 24.37 |
| 34-12-101.....                                                                         | F                 | 35.28          | 6.57          | 10.68 | 24.30 |
| Purina Pig and Hog Chow (Southern States).....                                         | G                 | 36.00          | 3.50          | 7.00  | 28.00 |
| 34-1-69.....                                                                           | F                 | 38.19          | 6.31          | 6.07  | 28.49 |
| 34-7-165.....                                                                          | F                 | 38.06          | 5.95          | 6.66  | 31.17 |
| 34-9-207.....                                                                          | F                 | 36.63          | 6.62          | 6.54  | 30.79 |
| Purina Pigeon Chow.....                                                                | G                 | 13.50          | 2.00          | 4.00  | 63.00 |
| 34-7-172.....                                                                          | F                 | 16.00          | 4.20          | 2.91  | 65.88 |
| 34-8-9.....                                                                            | F                 | 14.94          | 3.37          | 3.09  | 65.90 |
| Purina Pigeon Chow Containing Corn.....                                                | G                 | 12.50          | 2.00          | 4.00  | 63.00 |
| 34-7-171.....                                                                          | F                 | 15.25          | 4.04          | 3.04  | 67.28 |
| Purina Poultry Fattening Chow.....                                                     | G                 | 11.00          | 3.00          | 8.60  | 54.00 |
| 34-7-91.....                                                                           | F                 | 15.00          | 5.16          | 6.72  | 60.77 |
| 34-7-182.....                                                                          | F                 | 13.75          | 5.47          | 7.83  | 61.75 |
| 34-11-166.....                                                                         | F                 | 15.88          | 6.04          | 7.31  | 57.28 |
| Purina Rabbit Chow.....                                                                | G                 | 16.00          | 3.50          | 8.00  | 51.00 |
| 34-9-210 <sup>1,2</sup> .....                                                          | F                 | 18.56          | 5.59          | 6.46  | 52.65 |
| Purina Red Checker Cow Chow (34 %).....                                                | G                 | 34.00          | 3.00          | 12.00 | 28.00 |
| 34-2-109 <sup>9</sup> .....                                                            | F                 | 36.31          | 4.42          | 8.26  | 31.93 |
| 34-3-133.....                                                                          | F                 | 36.81          | 4.91          | 10.01 | 32.96 |
| 34-8-6.....                                                                            | F                 | 36.38          | 4.39          | 9.86  | 34.52 |
| 34-12-47.....                                                                          | F                 | 37.31          | 4.68          | 7.13  | 34.77 |
| Purina Steer Fatena.....                                                               | G                 | 12.00          | 2.00          | 10.00 | 52.00 |
| 34-3-253.....                                                                          | F                 | 14.69          | 3.92          | 6.43  | 56.21 |
| 34-7-56.....                                                                           | F                 | 15.75          | 4.20          | 7.00  | 56.73 |
| 34-7-113.....                                                                          | F                 | 14.88          | 3.99          | 6.68  | 57.02 |
| 34-7-244.....                                                                          | F                 | 14.69          | 4.62          | 6.54  | 58.48 |
| 34-10-154.....                                                                         | F                 | 15.25          | 4.50          | 7.59  | 55.68 |
| 34-12-20.....                                                                          | F                 | 13.94          | 3.64          | 6.94  | 58.53 |
| 34-12-37.....                                                                          | F                 | 14.56          | 3.04          | 8.05  | 56.28 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| Purina Steer Fatena Chow.....                                                          | G                 | 12.00          | 2.00          | 10.00   | 52.00              |
| 34-1-228.....                                                                          | F                 | 16.31          | 4.84          | 6.05    | 56.66              |
| Purina Turkey Growing and Fattening Chow.....                                          | G                 | 21.00          | 3.50          | 8.00    | 43.00              |
| 34-7-180.....                                                                          | F                 | 23.63          | 6.41          | 5.11    | 48.33              |
| 34-9-208.....                                                                          | F                 | 26.00          | 7.26          | 4.54    | 45.24              |
| Purina Turkey Startena.....                                                            | G                 | 26.00          | 4.50          | 6.00    | 38.00              |
| 34-7-179.....                                                                          | F                 | 28.88          | 7.86          | 3.88    | 44.05              |
| 34-8-11.....                                                                           | F                 | 25.00          | 7.14          | 4.50    | 45.88              |
| 34-9-209.....                                                                          | F                 | 25.75          | 6.83          | 4.71    | 45.40              |
| <b>Phil Ratliff, Neosho, Mo.</b>                                                       |                   |                |               |         |                    |
| Blue Label Laying Mash.....                                                            | G                 | 18.00          | 3.50          | 8.00    | 50.00              |
| 34-2-283.....                                                                          | F                 | 18.31          | 5.32          | 4.84    | 51.15              |
| Blue Label Scratch Feed.....                                                           | G                 | 11.00          | 3.50          | 5.00    | 52.00              |
| 34-4-37.....                                                                           | F                 | 10.44          | 4.44          | 1.84    | 69.11              |
| Blue Label Screened Corn Chop.....                                                     | G                 | 9.00           | 3.50          | 5.00    | 53.00              |
| 34-2-281.....                                                                          | F                 | 9.06           | 4.01          | 1.47    | 69.35              |
| Dairy Mixed Feed.....                                                                  | G                 | 12.00          | 3.50          | 8.00    | 53.00              |
| 34-4-38.....                                                                           | F                 | 13.94          | 5.19          | 5.49    | 60.48              |
| Missouri Chick Mash.....                                                               | G                 | 14.50          | 3.50          | 5.30    | 49.10              |
| 34-2-280.....                                                                          | F                 | 17.16          | 6.84          | 2.85    | 52.34              |
| Missouri Laying Mash.....                                                              | G                 | 19.00          | 3.75          | 9.25    | 44.00              |
| 34-2-282 <sup>7</sup> .....                                                            | F                 | 21.63          | 5.65          | 4.51    | 47.42              |
| Red Label Dairy Feed.....                                                              | G                 | 14.00          | 3.70          | 12.00   | 48.00              |
| 34-4-39.....                                                                           | F                 | 17.13          | 5.01          | 8.63    | 51.53              |
| Red Label Laying Mash.....                                                             | G                 | 16.00          | 3.50          | 8.00    | 51.00              |
| 34-2-279.....                                                                          | F                 | 16.19          | 4.94          | 5.03    | 55.66              |
| <b>Rea and Page Milling Co., Marshall, Mo.</b>                                         |                   |                |               |         |                    |
| Jumbo Chick Mash.....                                                                  | G                 | 17.00          | 4.50          | 5.50    | 45.00              |
| 34-7-131.....                                                                          | F                 | 18.38          | 5.48          | 5.25    | 52.45              |
| Jumbo Egg Mash.....                                                                    | G                 | 18.00          | 4.00          | 7.00    | 45.50              |
| 34-2-162.....                                                                          | F                 | 19.00          | 4.91          | 7.21    | 49.83              |
| 34-2-232 <sup>8,13</sup> .....                                                         | F                 | 19.50          | 5.01          | 6.91    | 48.78              |
| 34-7-130.....                                                                          | F                 | 19.38          | 4.85          | 6.16    | 50.98              |
| Maud S Laying Mash.....                                                                | G                 | 18.00          | 4.50          | 6.00    | 50.00              |
| 34-2-233 <sup>13</sup> .....                                                           | F                 | 19.00          | 4.89          | 5.51    | 50.89              |
| Soft Wheat Bran with Ground Wheat Screenings not to Exceed 8 %.....                    | G                 | 14.00          | 3.00          | 12.00   | 52.00              |
| 34-2-230.....                                                                          | F                 | 16.38          | 3.73          | 8.89    | 53.12              |
| 34-7-127.....                                                                          | F                 | 15.88          | 3.00          | 9.75    | 54.40              |
| Soft Wheat Gray Shorts with Ground Wheat Screenings not to Exceed 8 %.....             | G                 | 16.00          | 4.00          | 6.00    | 54.00              |
| 34-2-229.....                                                                          | F                 | 18.38          | 4.91          | 6.00    | 54.70              |
| 34-7-128.....                                                                          | F                 | 17.63          | 4.41          | 6.87    | 56.04              |
| Soft Wheat Mixed Feed with Ground Wheat Screenings not to Exceed 8 %.....              | G                 | 15.50          | 3.25          | 8.50    | 53.00              |
| 34-2-231.....                                                                          | F                 | 16.75          | 4.45          | 7.18    | 54.94              |
| 34-7-129.....                                                                          | F                 | 17.19          | 4.20          | 8.23    | 54.87              |
| <b>Red Bird Roller Mill, Red Bird, Mo.</b>                                             |                   |                |               |         |                    |
| Wheat Bran.....                                                                        | G                 | 14.50          | 3.50          | 10.00   | 52.00              |
| 34-5-48.....                                                                           | F                 | 16.13          | 4.82          | 9.50    | 53.90              |
| White Wheat Shorts.....                                                                | G                 | 13.50          | 3.75          | 3.50    | 54.00              |
| 34-5-49.....                                                                           | F                 | 13.81          | 3.28          | 1.95    | 68.42              |
| <b>Red Star Milling Co., Wichita, Kan.</b>                                             |                   |                |               |         |                    |
| Red Star Wheat Gray Shorts with Ground Wheat Screenings not Exceeding Mill-run.....    | G                 | 16.50          | 4.00          | 6.00    | 54.00              |
| 34-8-136.....                                                                          | F                 | 19.69          | 4.22          | 6.83    | 54.38              |
| <b>Reuter Milling Co., Flat River, Mo.</b>                                             |                   |                |               |         |                    |
| Wonderful 18 % Laying Mash.....                                                        | G                 | 18.00          | 4.50          | 6.00    | 50.00              |
| 34-11-225.....                                                                         | F                 | 18.57          | 5.65          | 4.76    | 50.04              |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |       |       |       |       |
|----------------------------------------------------------------------------------------|--------------------------------|-------|-------|-------|-------|
|                                                                                        | % Guaranteed (G) and Found (F) |       |       |       |       |
|                                                                                        | Protein                        | Fat   | Fiber | N. F. | E.    |
| <b>Ritchey Milling Co., Ritchey, Mo.</b>                                               |                                |       |       |       |       |
| B. B. Laying Mash.....                                                                 | G                              | 16.00 | 3.00  | 11.00 | 56.00 |
| 34-2-271.....                                                                          | F                              | 17.56 | 4.83  | 7.90  | 50.09 |
| Screened Corn Chop.....                                                                | G                              | 8.80  | 4.00  | 2.00  | 76.00 |
| 34-2-269.....                                                                          | F                              | 9.56  | 4.44  | 1.52  | 68.18 |
| Wheat Mixed Feed and Wheat Screenings not Exceed-<br>ing Mill-run.....                 | G                              | 14.25 | 4.35  | 7.50  | 55.00 |
| 34-2-270 <sup>7</sup> .....                                                            | F                              | 15.50 | 4.72  | 5.86  | 57.42 |
| <b>River Aux Vases Model Roller Mills, River Aux<br/>Vases, Mo.</b>                    |                                |       |       |       |       |
| Wheat Bran.....                                                                        | G                              | 14.00 | 3.40  | 11.00 | 54.00 |
| 34-11-201.....                                                                         | F                              | 15.63 | 4.03  | 7.68  | 55.92 |
| Wheat Total Middlings.....                                                             | G                              | 15.00 | 3.50  | 5.50  | 60.00 |
| 34-11-200.....                                                                         | F                              | 12.81 | 7.79  | 2.27  | 63.11 |
| <b>The Robinson Milling Co., Salina, Kan.</b>                                          |                                |       |       |       |       |
| Pure Gray Wheat Shorts.....                                                            | G                              | 17.00 | 3.50  | 6.00  | 55.00 |
| 34-2-242 <sup>7,30</sup> .....                                                         | F                              | 17.81 | 4.58  | 3.91  | 57.66 |
| 34-7-101 <sup>7,30</sup> .....                                                         | F                              | 17.50 | 5.42  | 4.85  | 58.20 |
| Wheat Bran with Wheat Screenings not to Exceed 8 %<br>Wheat Screenings.....            | G                              | 14.50 | 3.50  | 11.00 | 47.00 |
| 34-3-227.....                                                                          | F                              | 17.00 | 4.08  | 9.70  | 50.69 |
| 34-7-105 <sup>7</sup> .....                                                            | F                              | 17.06 | 5.37  | 8.98  | 52.46 |
| Wheat Gray Wheat Shorts and Wheat Screenings not<br>Exceeding Mill-run.....            | G                              | 13.50 | 3.50  | 6.00  | 55.00 |
| 34-9-216 <sup>2</sup> .....                                                            | F                              | 13.88 | 3.05  | 1.12  | 68.05 |
| <b>W. A. Robison, Perry, Mo.</b>                                                       |                                |       |       |       |       |
| Missouri Egg Mash.....                                                                 | G                              | 18.00 | 5.00  | 6.00  | 47.00 |
| 34-3-141 <sup>1,4,5,8</sup> .....                                                      | F                              | 19.44 | 5.26  | 4.67  | 51.90 |
| Missouri Formula Chick Starting Mash with Cod Liver<br>Oil.....                        | G                              | 14.00 | 4.00  | 5.00  | 51.00 |
| 34-5-108 <sup>31</sup> .....                                                           | F                              | 16.19 | 5.52  | 3.15  | 59.24 |
| Wayne Local Mix Mash.....                                                              | G                              | 18.00 | 3.50  | 7.00  | 45.00 |
| 34-5-109 <sup>10</sup> .....                                                           | F                              | 16.16 | 4.74  | 3.14  | 59.63 |
| <b>Robinson Bros. Milling Co., Patton, Mo.</b>                                         |                                |       |       |       |       |
| Wheat Bran and Wheat Screenings not Exceeding<br>Mill-run.....                         | G                              | 15.00 | 3.50  | 11.00 | 47.00 |
| 34-9-215 <sup>2</sup> .....                                                            | F                              | 16.75 | 4.59  | 7.67  | 53.82 |
| <b>Rocheport Mill and Elevator Co., Rocheport, Mo.</b>                                 |                                |       |       |       |       |
| Canole's Egg Mash.....                                                                 | G                              | 19.00 | 3.50  | 8.00  | 44.00 |
| 34-5-179 <sup>7</sup> .....                                                            | F                              | 23.38 | 5.27  | 5.27  | 47.82 |
| Canole's Growing Mash.....                                                             | G                              | 16.00 | 4.50  | 6.00  | 50.00 |
| 34-5-181.....                                                                          | F                              | 16.31 | 5.26  | 3.85  | 56.69 |
| Canole's Laying Mash.....                                                              | G                              | 18.00 | 4.50  | 6.00  | 50.00 |
| 34-5-182.....                                                                          | F                              | 18.26 | 5.47  | 4.80  | 52.87 |
| Canole's Starting Mash.....                                                            | G                              | 17.00 | 4.50  | 5.50  | 45.00 |
| 34-5-180.....                                                                          | F                              | 18.19 | 5.57  | 4.37  | 54.05 |
| <b>Rodney Milling Co., Kansas City, Mo.</b>                                            |                                |       |       |       |       |
| Heart of America Pure Wheat Bran.....                                                  | G                              | 16.50 | 3.00  | 10.00 | 50.00 |
| 34-10-37.....                                                                          | F                              | 17.19 | 4.67  | 10.20 | 48.96 |
| Jersey Wheat Gray Shorts and Wheat Screenings not<br>to Exceed 3 %.....                | G                              | 17.00 | 3.50  | 6.00  | 55.00 |
| 34-2-87.....                                                                           | F                              | 17.31 | 4.65  | 5.52  | 55.73 |
| 34-3-78.....                                                                           | F                              | 17.31 | 4.91  | 5.43  | 56.39 |
| 34-10-38.....                                                                          | F                              | 17.69 | 5.01  | 5.89  | 54.57 |
| Wheat Mixed Feed and Wheat Screenings not Exceed-<br>ing 5 %.....                      | G                              | 16.50 | 3.50  | 8.50  | 52.50 |
| 34-8-153 <sup>9</sup> .....                                                            | F                              | 18.06 | 3.89  | 6.98  | 54.20 |

| *<br>Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |       |       |       |    |
|---------------------------------------------------------------------------------------------|--------------------------------|-------|-------|-------|----|
|                                                                                             | % Guaranteed (G) and Found (F) |       |       |       |    |
|                                                                                             | Protein                        | Fat   | Fiber | N. F. | E. |
| <b>J. C. Roever Feed and Mill Co., St. Louis, Mo.</b>                                       |                                |       |       |       |    |
| Chicken Dinner Hen Feed.....                                                                | G 9.00                         | 2.50  | 4.00  | 60.00 |    |
| 34-6-4.....                                                                                 | F 10.75                        | 2.51  | 2.74  | 71.38 |    |
| O Joy Hen Feed.....                                                                         | G 9.00                         | 2.50  | 4.00  | 60.00 |    |
| 34-6-6.....                                                                                 | F 10.19                        | 4.11  | 2.09  | 71.66 |    |
| <b>R. V. Rogers, Perry, Mo.</b>                                                             |                                |       |       |       |    |
| New Deal Starting and Growing Mash.....                                                     | G 16.00                        | 4.50  | 6.00  | 50.00 |    |
| 34-3-139 <sup>8</sup> .....                                                                 | F 17.50                        | 5.87  | 4.52  | 53.95 |    |
| R. V. Rogers OK Egg Mash.....                                                               | G 18.00                        | 3.50  | 8.50  | 47.00 |    |
| 34-3-138.....                                                                               | F 20.81                        | 6.47  | 6.80  | 47.64 |    |
| <b>Rosebud Feed Co., Rosebud, Mo.</b>                                                       |                                |       |       |       |    |
| Kartall All-Mash Chick Starter.....                                                         | G 18.00                        | 4.00  | 7.00  | 48.00 |    |
| 34-5-58 <sup>14</sup> .....                                                                 | F 17.78                        | 5.76  | 5.52  | 52.85 |    |
| Kartall 26 % Dairy Feed.....                                                                | G 26.00                        | 3.00  | 11.00 | 45.00 |    |
| 34-5-57 <sup>14</sup> .....                                                                 | F 26.10                        | 4.95  | 9.18  | 42.01 |    |
| 34-10-177 <sup>14</sup> .....                                                               | F 26.22                        | 4.74  | 9.46  | 41.16 |    |
| Kartall Egg-Maker Mash.....                                                                 | G 18.00                        | 4.00  | 8.00  | 48.00 |    |
| 34-2-45 <sup>8</sup> .....                                                                  | F 17.56                        | 4.55  | 5.00  | 53.87 |    |
| 34-10-176.....                                                                              | F 19.88                        | 5.30  | 6.01  | 49.94 |    |
| Kartall Growing Mash.....                                                                   | G 19.00                        | 4.00  | 8.00  | 45.00 |    |
| 34-5-60 <sup>14</sup> .....                                                                 | F 19.13                        | 4.94  | 6.98  | 50.84 |    |
| Kartall Hen Scratch Feed.....                                                               | G 10.00                        | 2.50  | 4.00  | 65.00 |    |
| 34-5-61.....                                                                                | F 10.75                        | 3.05  | 2.80  | 70.30 |    |
| Kartall OK Laying Mash.....                                                                 | G 18.00                        | 4.00  | 8.00  | 48.00 |    |
| 34-5-59.....                                                                                | F 18.38                        | 4.59  | 5.60  | 54.18 |    |
| <b>Rose City Cotton Oil Mill, Little Rock, Ark.</b>                                         |                                |       |       |       |    |
| Prime Grade Cottonseed Meal (43 % Protein).....                                             | G 43.00                        | 5.25  | 12.00 | 23.00 |    |
| 34-8-119 <sup>1,23,27</sup> .....                                                           | F 42.88                        | 6.97  | 8.91  | 26.34 |    |
| <b>Roseland Farm and Mfg. Co., Warrensburg, Mo.</b>                                         |                                |       |       |       |    |
| Roseland Farm Tankage.....                                                                  | G 43.00                        | 18.00 | 3.00  | 4.07  |    |
| 34-11-6.....                                                                                | F 42.82                        | 13.91 | 1.68  | 3.23  |    |
| <b>Glen Rosenbaum, Trenton, Mo.</b>                                                         |                                |       |       |       |    |
| Missouri Formula Growing Mash.....                                                          | G 17.00                        | 4.00  | 6.00  | 50.00 |    |
| 34-9-67 <sup>12</sup> .....                                                                 | F 20.00                        | 6.02  | 5.24  | 52.81 |    |
| Missouri Formula Laying Mash.....                                                           | G 20.00                        | 5.00  | 7.00  | 47.00 |    |
| 34-9-71 <sup>23</sup> .....                                                                 | F 23.00                        | 7.10  | 5.12  | 47.30 |    |
| R. C. All-Mash Egg Ration.....                                                              | G 16.00                        | 4.50  | 6.00  | 56.00 |    |
| 34-10-225 <sup>8</sup> .....                                                                | F 17.56                        | 5.51  | 5.63  | 53.81 |    |
| R. C. Dairy Feed.....                                                                       | G 16.00                        | 3.00  | 9.00  | 52.00 |    |
| 34-10-224.....                                                                              | F 17.44                        | 4.58  | 9.18  | 51.25 |    |
| R. C. Laying Mash.....                                                                      | G 18.00                        | 4.50  | 6.00  | 51.00 |    |
| 34-9-70 <sup>8</sup> .....                                                                  | F 20.25                        | 7.26  | 5.99  | 52.01 |    |
| R. C. Special Growing Mash.....                                                             | G 16.00                        | 4.00  | 5.50  | 52.00 |    |
| 34-9-68 <sup>12</sup> .....                                                                 | F 16.88                        | 5.81  | 6.40  | 54.96 |    |
| R. C. Standard All-Mash Chick Food.....                                                     | G 16.00                        | 4.50  | 5.00  | 55.00 |    |
| 34-9-72 <sup>10</sup> .....                                                                 | F 17.94                        | 5.83  | 3.48  | 58.82 |    |
| <b>Rosser Produce Co., Farmington, Mo.</b>                                                  |                                |       |       |       |    |
| Dairy Feed.....                                                                             | G 18.00                        | 4.00  | 10.00 | 45.00 |    |
| 34-11-51 <sup>10,14,31</sup> .....                                                          | F 19.81                        | 5.46  | 8.85  | 48.40 |    |
| 34-11-219 <sup>14,31</sup> .....                                                            | F 20.56                        | 5.91  | 5.42  | 47.51 |    |
| Growing Mash.....                                                                           | G 17.00                        | 4.50  | 6.00  | 52.00 |    |
| 34-11-50.....                                                                               | F 19.44                        | 6.60  | 6.03  | 49.17 |    |
| Laying Mash.....                                                                            | G 20.00                        | 4.50  | 7.50  | 46.00 |    |
| 34-11-48 <sup>9,12</sup> .....                                                              | F 20.94                        | 5.41  | 5.87  | 45.77 |    |
| 34-11-216 <sup>12</sup> .....                                                               | F 21.69                        | 6.01  | 5.29  | 44.72 |    |
| Laying Mash with Tankage.....                                                               | G 20.00                        | 4.00  | 8.00  | 42.00 |    |
| 34-11-49.....                                                                               | F 19.75                        | 6.23  | 6.21  | 47.26 |    |
| Scratch Grain.....                                                                          | G 9.00                         | 2.00  | 4.50  | 55.00 |    |
| 34-11-53.....                                                                               | F 11.38                        | 4.28  | 2.67  | 68.82 |    |
| Starting Mash.....                                                                          | G 18.00                        | 4.00  | 6.00  | 45.00 |    |
| 34-11-52 <sup>12</sup> .....                                                                | F 17.64                        | 6.33  | 5.62  | 53.10 |    |

Manufacturer and Address  
Brand Name, Laboratory Number  
"Superior" Figure—see Key

Chemical Analyses  
% Guaranteed (G) and Found (F)  
Protein Fat Fiber N. F. E.

**Rothermel Bros. Flour and Feed Co., Springfield, Mo.**

|                                      |   |       |      |      |       |
|--------------------------------------|---|-------|------|------|-------|
| Economy Laying Mash.....             | G | 18.00 | 4.00 | 9.00 | 50.00 |
| 34-4-232 <sup>4,5</sup> .....        | F | 17.41 | 5.14 | 6.72 | 54.14 |
| Missouri All-Mash Chick Starter..... | G | 16.00 | 5.00 | 3.50 | 55.00 |
| 34-4-236 <sup>4,5</sup> .....        | F | 17.06 | 5.37 | 4.05 | 54.14 |
| Purity Hen Scratch.....              | G | 10.00 | 3.50 | 5.00 | 62.00 |
| 34-4-235 <sup>4,5</sup> .....        | F | 10.31 | 3.59 | 2.06 | 69.75 |
| Purity Laying Mash.....              | G | 18.00 | 4.00 | 7.00 | 50.00 |
| 34-4-231 <sup>4,5</sup> .....        | F | 18.56 | 5.74 | 6.31 | 51.00 |
| Purity Mixed Feed.....               | G | 12.00 | 4.00 | 7.00 | 56.00 |
| 34-4-237 <sup>4,5</sup> .....        | F | 15.44 | 5.01 | 9.08 | 54.37 |
| Screened Yellow Corn Chop.....       | G | 9.00  | 3.50 | 3.50 | 65.00 |
| 34-4-233 <sup>4,5</sup> .....        | F | 9.50  | 3.99 | 1.56 | 70.77 |
| Yellow Corn Feed Meal.....           | G | 10.00 | 4.00 | 5.00 | 60.00 |
| 34-4-234 <sup>4,5</sup> .....        | F | 10.50 | 5.83 | 2.81 | 66.25 |

**Rudy Patrick Seed Co., Kansas City, Mo.**

|                                                   |   |       |      |       |       |
|---------------------------------------------------|---|-------|------|-------|-------|
| Atlas Chick All Mash.....                         | G | 16.00 | 4.50 | 5.50  | 55.00 |
| 34-3-66 <sup>14,15</sup> .....                    | F | 20.63 | 5.10 | 6.92  | 49.49 |
| 34-3-246 <sup>14,15</sup> .....                   | F | 18.63 | 5.22 | 6.43  | 49.84 |
| Atlas Feeding Oat Meal.....                       | G | 14.00 | 5.00 | 4.00  | 65.00 |
| 34-1-15 <sup>3</sup> .....                        | F | 16.50 | 5.24 | 4.88  | 61.61 |
| Corn Feed Meal.....                               | G | 10.00 | 4.00 | 4.00  | 60.00 |
| 34-8-144 <sup>3</sup> .....                       | F | 10.00 | 5.28 | 3.66  | 69.72 |
| Oh Boy All Mash.....                              | G | 16.00 | 4.00 | 6.00  | 50.00 |
| 34-3-62.....                                      | F | 19.19 | 5.88 | 6.23  | 50.34 |
| Oh Boy All Mash Chick Starter with Malted Milk... | G | 17.00 | 4.50 | 5.00  | 50.00 |
| 34-3-60 <sup>8,9</sup> .....                      | F | 19.56 | 6.32 | 4.73  | 49.25 |
| Oh Boy Calf Start 'Em and Grow 'Em.....           | G | 23.00 | 3.00 | 4.00  | 50.00 |
| 34-3-58.....                                      | F | 15.94 | 5.42 | 3.51  | 61.32 |
| Oh Boy Chick 'Em Grains.....                      | G | 10.00 | 3.00 | 3.00  | 65.00 |
| 34-3-64.....                                      | F | 11.88 | 3.03 | 2.73  | 68.47 |
| Oh Boy Chick Start 'Em with Malted Milk.....      | G | 17.00 | 4.50 | 5.00  | 50.00 |
| 34-3-63.....                                      | F | 19.31 | 4.92 | 4.44  | 52.15 |
| Oh Boy Farm and Home Mash Mix.....                | G | 16.00 | 3.50 | 8.00  | 50.00 |
| 34-3-61 <sup>8,9</sup> .....                      | F | 18.94 | 5.28 | 6.34  | 51.32 |
| 34-7-19 <sup>8,9</sup> .....                      | F | 18.56 | 5.08 | 6.77  | 52.08 |
| Oh Boy Fowl Fat 'Em.....                          | G | 10.00 | 4.50 | 5.00  | 55.50 |
| 34-3-59 <sup>9</sup> .....                        | F | 15.75 | 5.20 | 3.94  | 59.63 |
| Oh Boy Lay 'Em.....                               | G | 19.00 | 4.00 | 7.00  | 50.00 |
| 34-3-65 <sup>8</sup> .....                        | F | 20.94 | 5.51 | 4.94  | 48.36 |
| Oh Boy Reground Oat Hulls.....                    | G | 4.00  | 1.25 | 32.50 | 40.00 |
| 34-1-27 <sup>9</sup> .....                        | F | 6.88  | 3.45 | 25.60 | 49.44 |
| Oh Boy Rolled Oats.....                           | G | 16.00 | 6.00 | 2.00  | 65.00 |
| 34-1-12 <sup>3</sup> .....                        | F | 15.85 | 6.02 | 1.34  | 64.25 |
| 34-11-85 <sup>3</sup> .....                       | F | 19.56 | 6.29 | 1.20  | 61.36 |
| Rudy-Patrick's Everyday Chick Grains.....         | G | 10.00 | 3.00 | 4.50  | 60.50 |
| 34-3-56 <sup>31</sup> .....                       | F | 12.06 | 3.76 | 2.68  | 68.04 |
| Rudy-Patrick's Everyday Laying Mash.....          | G | 18.00 | 4.00 | 7.00  | 48.00 |
| 34-3-55.....                                      | F | 18.81 | 5.26 | 5.12  | 51.48 |
| Rudy-Patrick's Everyday Scratch Grains.....       | G | 10.00 | 2.50 | 4.50  | 60.50 |
| 34-3-57.....                                      | F | 10.50 | 3.56 | 2.49  | 69.91 |

**J. E. Russell, Mountain Grove, Mo.**

|                                 |   |       |      |      |       |
|---------------------------------|---|-------|------|------|-------|
| Dairy Feed.....                 | G | 15.50 | 3.50 | 9.00 | 51.62 |
| 34-2-28 <sup>1</sup> .....      | F | 16.69 | 5.48 | 6.90 | 56.17 |
| 34-10-199.....                  | F | 17.94 | 5.91 | 7.85 | 51.72 |
| Egg Layer.....                  | G | 16.00 | 4.50 | 6.00 | 49.00 |
| 34-2-27 <sup>1</sup> .....      | F | 20.38 | 5.92 | 4.86 | 51.82 |
| 34-10-198.....                  | F | 20.06 | 5.40 | 5.80 | 48.53 |
| Scratch Feed.....               | G | 12.60 | 4.00 | 4.50 | 62.00 |
| 34-2-29 <sup>6</sup> .....      | F | 10.89 | 3.61 | 2.09 | 71.24 |
| 34-10-200 <sup>6,23</sup> ..... | F | 11.06 | 3.51 | 2.19 | 70.90 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                              |         |       |                |
|----------------------------------------------------------------------------------------|-------------------|------------------------------|---------|-------|----------------|
|                                                                                        | %                 | Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N. F. E. |
| <b>Russell Milling Co., Russell, Kan.</b>                                              |                   |                              |         |       |                |
| Kansas Gray Wheat Shorts and Screenings not Exceeding 8 %.....                         | G                 | 16.00                        | 3.50    | 5.50  | 55.00          |
| 34-3-274 <sup>31</sup> .....                                                           | F                 | 18.75                        | 4.05    | 4.47  | 56.19          |
| <b>Salem Produce Co., Salem, Mo.</b>                                                   |                   |                              |         |       |                |
| Best Yet Egg Mash.....                                                                 | G                 | 20.00                        | 4.50    | 8.00  | 48.00          |
| 34-1-142.....                                                                          | F                 | 20.19                        | 5.60    | 7.25  | 47.74          |
| 34-5-10.....                                                                           | F                 | 20.94                        | 5.91    | 7.16  | 46.15          |
| Cow Smile Dairy Feed.....                                                              | G                 | 17.00                        | 4.00    | 12.00 | 55.00          |
| 34-5-11 <sup>8,9</sup> .....                                                           | F                 | 18.69                        | 5.59    | 8.96  | 50.50          |
| Uno Egg Mash.....                                                                      | G                 | 17.50                        | 4.20    | 8.50  | 50.00          |
| 34-1-143 <sup>4,5,8</sup> .....                                                        | F                 | 17.50                        | 5.09    | 7.85  | 51.64          |
| 34-5-9 <sup>4,5</sup> .....                                                            | G                 | 18.44                        | 5.66    | 7.86  | 48.96          |
| <b>Salem Roller Mills, Salem, Mo.</b>                                                  |                   |                              |         |       |                |
| Wheat Bran.....                                                                        | G                 | 13.81                        | 3.21    | 7.44  | 59.22          |
| 34-12-138.....                                                                         | F                 | 14.38                        | 3.35    | 7.01  | 60.16          |
| Wheat White Shorts and Wheat Screenings.....                                           | G                 | 13.00                        | 2.50    | 3.50  | 62.50          |
| 34-1-141 <sup>8,9</sup> .....                                                          | F                 | 13.88                        | 2.87    | 2.43  | 68.86          |
| 34-12-137 <sup>31</sup> .....                                                          | F                 | 14.56                        | 3.25    | 3.46  | 65.36          |
| <b>Sarcoxe Milling Co., Sarcoxe, Mo.</b>                                               |                   |                              |         |       |                |
| Screened Cracked Corn.....                                                             | G                 | 7.92                         | 3.38    | 1.67  | 73.43          |
| 34-6-46.....                                                                           | F                 | 9.25                         | 4.45    | 1.54  | 70.97          |
| Soft Wheat Mixed Feed.....                                                             | G                 | 15.00                        | 3.50    | 8.50  | 52.00          |
| 34-6-47.....                                                                           | F                 | 14.88                        | 4.77    | 6.77  | 59.51          |
| <b>Saxony Mills, St. Louis, Mo.</b>                                                    |                   |                              |         |       |                |
| Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill-run.....              | G                 | 12.00                        | 3.50    | 10.00 | 52.00          |
| 34-2-19 <sup>4,5,9</sup> .....                                                         | F                 | 17.33                        | 4.52    | 7.39  | 52.28          |
| Winter Wheat Bran with Wheat Screenings not Exceeding Mill-run.....                    | G                 | 14.50                        | 3.50    | 11.00 | 44.00          |
| 34-2-52.....                                                                           | F                 | 16.56                        | 4.26    | 7.97  | 51.64          |
| Winter Wheat Gray Shorts and Ground Wheat Screenings not Exceeding Mill-run.....       | G                 | 16.00                        | 4.00    | 6.00  | 50.00          |
| 34-2-51.....                                                                           | F                 | 17.06                        | 5.29    | 5.72  | 56.44          |
| 34-11-30.....                                                                          | F                 | 17.00                        | 4.57    | 6.39  | 57.74          |
| <b>Joe Schafer and Sons, Springfield, Ill.</b>                                         |                   |                              |         |       |                |
| Banner Hen Feed.....                                                                   | G                 | 9.00                         | 3.00    | 8.00  | ....           |
| 34-1-91 <sup>1,6</sup> .....                                                           | F                 | 10.88                        | 3.48    | 2.36  | 76.19          |
| <b>Schreiber Milling and Grain Co., St. Joseph, Mo.</b>                                |                   |                              |         |       |                |
| Missouri Formula Laying Mash.....                                                      | G                 | 20.00                        | 4.00    | 6.00  | 46.00          |
| 34-4-117.....                                                                          | F                 | 22.69                        | 5.97    | 4.80  | 46.40          |
| 34-7-12.....                                                                           | F                 | 23.88                        | 7.45    | 4.38  | 44.21          |
| Schreiber Big 16 Dairy Feed.....                                                       | G                 | 16.00                        | 2.50    | 13.00 | 47.00          |
| 34-4-120.....                                                                          | F                 | 13.53                        | 2.26    | 9.75  | 52.16          |
| Schreiber's Feeding Oat Meal.....                                                      | G                 | 14.00                        | 5.00    | 3.90  | 60.00          |
| 34-7-11.....                                                                           | F                 | 16.69                        | 5.41    | 2.59  | 64.83          |
| 34-8-121.....                                                                          | F                 | 17.00                        | 4.26    | 3.34  | 63.69          |
| Schreiber's Gold Stripe All-Mash Chick Rations.....                                    | G                 | 15.00                        | 3.00    | 5.00  | 57.00          |
| 34-4-116.....                                                                          | F                 | 15.10                        | 4.14    | 3.18  | 59.80          |
| 34-5-163.....                                                                          | F                 | 14.56                        | 4.79    | 4.28  | 58.99          |
| Schreiber's Gold Stripe Growing Mash.....                                              | G                 | 18.00                        | 3.50    | 7.00  | 47.00          |
| 34-7-13 <sup>8</sup> .....                                                             | F                 | 18.50                        | 4.80    | 7.16  | 51.60          |
| Schreiber's Heavy Oat Feed (Medium Ground).....                                        | G                 | 9.00                         | 3.00    | 20.00 | 47.00          |
| 34-4-118.....                                                                          | F                 | 12.75                        | 4.35    | 15.02 | 52.24          |
| Schreiber's Rolled Oats.....                                                           | G                 | 16.00                        | 5.00    | 1.80  | 61.00          |
| 34-11-126.....                                                                         | F                 | 17.88                        | 6.12    | 1.36  | 62.86          |
| <b>Scott County Milling Co., Silkeston, Mo.</b>                                        |                   |                              |         |       |                |
| 50-50 Poultry Feed.....                                                                | G                 | 10.00                        | 2.50    | 4.00  | 65.00          |
| 34-6-130.....                                                                          | F                 | 10.13                        | 3.36    | 2.02  | 73.06          |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |       |       |       |    |
|----------------------------------------------------------------------------------------|--------------------------------|-------|-------|-------|----|
|                                                                                        | % Guaranteed (G) and Found (F) |       |       |       |    |
|                                                                                        | Protein                        | Fat   | Fiber | N. F. | E. |
| B. & M. Molasses Feed.....                                                             | G 9.00                         | 2.00  | 15.00 | 55.00 |    |
| 34-1-57.....                                                                           | F 10.06                        | 3.44  | 6.12  | 60.88 |    |
| 34-6-113.....                                                                          | F 10.75                        | 2.46  | 8.99  | 61.46 |    |
| Big Eight Molasses Feed.....                                                           | G 9.00                         | 2.00  | 15.00 | 60.00 |    |
| 34-3-164.....                                                                          | F 9.63                         | 3.46  | 8.94  | 59.03 |    |
| 34-4-154.....                                                                          | F 9.44                         | 3.61  | 7.53  | 62.89 |    |
| 34-6-107.....                                                                          | F 9.00                         | 3.75  | 7.15  | 64.07 |    |
| Gristo All-Grain.....                                                                  | G 10.00                        | 3.00  | 10.00 | 60.00 |    |
| 34-3-103.....                                                                          | F 9.75                         | 4.64  | 4.70  | 63.74 |    |
| 34-6-114.....                                                                          | F 9.19                         | 4.27  | 3.81  | 68.69 |    |
| Gristo All-Mash (Laying).....                                                          | G 16.50                        | 4.50  | 5.50  | 50.00 |    |
| 34-6-122.....                                                                          | F 17.88                        | 4.75  | 5.24  | 55.94 |    |
| Gristo All-Mash (Starting and Growing).....                                            | G 16.00                        | 4.50  | 6.00  | 55.00 |    |
| 34-6-121.....                                                                          | F 16.94                        | 5.35  | 4.97  | 56.57 |    |
| Gristo Chick Developer.....                                                            | G 10.00                        | 2.50  | 3.00  | 68.00 |    |
| 34-1-58.....                                                                           | F 10.81                        | 3.00  | 1.82  | 71.27 |    |
| 34-6-128.....                                                                          | F 11.25                        | 2.96  | 1.98  | 71.45 |    |
| Gristo Corn Bran.....                                                                  | G 10.00                        | 7.00  | 8.00  | 55.00 |    |
| 34-1-55.....                                                                           | F 11.06                        | 3.63  | 6.29  | 64.23 |    |
| Gristo Dairy Feed.....                                                                 | G 24.00                        | 4.00  | 12.00 | 42.00 |    |
| 34-3-102.....                                                                          | F 24.19                        | 5.64  | 9.77  | 40.30 |    |
| 34-6-112.....                                                                          | F 21.28                        | 4.12  | 10.24 | 46.52 |    |
| Gristo Egg Maker.....                                                                  | G 10.00                        | 3.00  | 4.00  | 68.00 |    |
| 34-1-51.....                                                                           | F 11.38                        | 4.26  | 2.81  | 67.11 |    |
| 34-3-100.....                                                                          | F 10.75                        | 3.31  | 2.35  | 68.31 |    |
| 34-6-127.....                                                                          | F 10.31                        | 3.22  | 2.17  | 71.34 |    |
| Gristo Fattening Mash.....                                                             | G 15.00                        | 4.50  | 4.50  | 58.00 |    |
| 34-6-136.....                                                                          | F 17.00                        | 6.63  | 3.81  | 59.41 |    |
| Gristo Gray Wheat Shorts with Wheat Screenings not<br>Exceeding 8 %.....               | G 16.00                        | 3.50  | 6.00  | 55.00 |    |
| 34-1-56.....                                                                           | F 15.56                        | 4.04  | 5.25  | 58.50 |    |
| 34-3-97.....                                                                           | F 15.19                        | 4.49  | 5.08  | 58.22 |    |
| 34-3-162.....                                                                          | F 15.66                        | 4.13  | 4.75  | 59.69 |    |
| 34-7-147.....                                                                          | F 16.56                        | 3.51  | 4.35  | 60.86 |    |
| 34-10-108.....                                                                         | F 16.88                        | 4.60  | 4.11  | 59.87 |    |
| Gristo Growing Mash.....                                                               | G 17.00                        | 4.00  | 6.00  | 55.00 |    |
| 34-3-110.....                                                                          | F 20.25                        | 6.22  | 4.44  | 52.05 |    |
| 34-6-133.....                                                                          | F 17.44                        | 5.74  | 4.73  | 56.62 |    |
| Gristo Hominy Feed.....                                                                | G 10.00                        | 7.00  | 8.00  | 55.00 |    |
| 34-3-107.....                                                                          | F 11.63                        | 10.61 | 6.33  | 56.53 |    |
| 34-6-119.....                                                                          | F 11.88                        | 9.15  | 5.65  | 60.16 |    |
| Gristo Laying Mash.....                                                                | G 20.00                        | 4.00  | 7.00  | 45.00 |    |
| 34-1-50.....                                                                           | F 20.75                        | 5.85  | 4.98  | 47.49 |    |
| 34-3-99.....                                                                           | F 21.88                        | 6.54  | 5.23  | 44.01 |    |
| 34-6-129.....                                                                          | F 22.00                        | 5.85  | 5.48  | 49.61 |    |
| Gristo Milk Maker.....                                                                 | G 16.50                        | 3.50  | 14.00 | 45.00 |    |
| 34-1-48.....                                                                           | F 18.69                        | 4.02  | 12.87 | 44.35 |    |
| 34-4-153.....                                                                          | F 16.56                        | 4.10  | 12.75 | 49.93 |    |
| 34-6-109.....                                                                          | F 16.31                        | 3.67  | 12.23 | 50.32 |    |
| Gristo Poultry Feed.....                                                               | G 10.00                        | 2.50  | 4.00  | 68.00 |    |
| 34-1-52.....                                                                           | F 10.44                        | 3.89  | 1.94  | 70.62 |    |
| 34-6-125.....                                                                          | F 10.44                        | 3.12  | 2.12  | 71.40 |    |
| Gristo Rabbit Feed.....                                                                | G 14.00                        | 4.50  | 4.00  | 60.00 |    |
| 34-6-135.....                                                                          | F 14.06                        | 5.04  | 2.50  | 67.50 |    |
| Gristo Starting Mash.....                                                              | G 14.00                        | 4.00  | 6.00  | 60.00 |    |
| 34-4-152.....                                                                          | F 15.19                        | 4.45  | 2.81  | 60.37 |    |
| 34-6-132.....                                                                          | F 15.69                        | 4.94  | 3.58  | 62.78 |    |
| Gristo Wheat Bran with Wheat Screenings not Ex-<br>ceeding 8 %.....                    | G 14.50                        | 3.50  | 10.00 | 50.00 |    |
| 34-1-53.....                                                                           | F 16.19                        | 4.02  | 8.37  | 52.26 |    |
| 34-3-95.....                                                                           | F 15.00                        | 4.50  | 9.36  | 51.95 |    |
| 34-3-160.....                                                                          | F 15.31                        | 4.62  | 9.48  | 50.01 |    |
| 34-6-116.....                                                                          | F 15.25                        | 4.05  | 8.93  | 54.15 |    |
| 34-7-158.....                                                                          | F 16.19                        | 3.69  | 9.19  | 54.53 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                              |         |                    |
|----------------------------------------------------------------------------------------|-------------------|------------------------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) and Found (F) | Protein | Fat Fiber N. F. E. |
| Gristo Wheat Mixed Feed with Wheat Screenings not Exceeding 8 %.....                   | G                 | 15.00                        | 3.50    | 8.50 53.00         |
| 34-1-54.....                                                                           | F                 | 15.31                        | 4.38    | 8.27 54.83         |
| 34-3-96 <sup>10,27</sup> .....                                                         | F                 | 14.81                        | 4.79    | 6.23 56.52         |
| 34-7-148.....                                                                          | F                 | 16.19                        | 4.06    | 6.90 56.91         |
| Gristo Work Feed.....                                                                  | G                 | 9.00                         | 2.00    | 12.00 60.00        |
| 34-3-104.....                                                                          | F                 | 9.13                         | 4.15    | 6.36 63.38         |
| Intermediate Steel Cut Poultry Chop.....                                               | G                 | 9.00                         | 3.00    | 3.00 70.00         |
| 34-7-142.....                                                                          | F                 | 9.00                         | 3.79    | 2.15 73.40         |
| Semo Chick Feed.....                                                                   | G                 | 9.00                         | 2.50    | 5.00 65.00         |
| 34-3-111.....                                                                          | F                 | 10.06                        | 2.94    | 1.15 70.46         |
| 34-4-149.....                                                                          | F                 | 10.25                        | 3.00    | 1.29 72.08         |
| 34-6-126.....                                                                          | F                 | 10.13                        | 2.98    | 1.62 73.14         |
| Semo Dairy Feed.....                                                                   | G                 | 16.00                        | 3.50    | 15.00 45.00        |
| 34-3-105.....                                                                          | F                 | 15.56                        | 3.34    | 14.49 47.07        |
| 34-3-173.....                                                                          | F                 | 16.94                        | 3.65    | 12.70 47.37        |
| 34-6-111.....                                                                          | F                 | 13.69                        | 2.96    | 11.61 53.64        |
| 34-7-157.....                                                                          | F                 | 18.19                        | 3.61    | 8.88 51.81         |
| Semo Fattening Mash.....                                                               | G                 | 12.50                        | 4.50    | 6.50 58.00         |
| 34-6-134.....                                                                          | F                 | 13.63                        | 4.98    | 3.66 64.64         |
| Semo Laying Mash.....                                                                  | G                 | 18.00                        | 3.50    | 8.00 45.00         |
| 34-3-108.....                                                                          | F                 | 17.69                        | 4.73    | 3.68 56.81         |
| 34-4-150.....                                                                          | F                 | 19.56                        | 4.90    | 4.30 52.78         |
| 34-6-131.....                                                                          | F                 | 19.75                        | 4.90    | 5.94 52.65         |
| Semo Poultry Feed.....                                                                 | G                 | 10.00                        | 2.50    | 4.00 65.00         |
| 34-3-98.....                                                                           | F                 | 10.25                        | 4.86    | 2.21 66.12         |
| 34-3-180.....                                                                          | F                 | 10.03                        | 4.00    | 1.71 59.85         |
| 34-4-151.....                                                                          | F                 | 10.00                        | 4.42    | 1.99 69.33         |
| 34-6-124.....                                                                          | F                 | 10.06                        | 4.12    | 2.46 70.73         |
| Steel Cut Poultry Chops.....                                                           | G                 | 9.00                         | 3.00    | 3.00 70.00         |
| 34-1-49.....                                                                           | F                 | 9.25                         | 3.98    | 1.87 71.49         |
| 34-3-198.....                                                                          | F                 | 9.00                         | 4.19    | 1.94 70.39         |
| 34-6-115.....                                                                          | F                 | 8.46                         | 3.61    | 1.58 71.69         |
| Unbolted Yellow Feed Meal.....                                                         | G                 | 9.00                         | 3.00    | 3.00 70.00         |
| 34-7-144.....                                                                          | F                 | 8.69                         | 4.23    | 2.11 72.33         |
| Whoa Mule Molasses Feed.....                                                           | G                 | 9.00                         | 2.00    | 15.00 55.00        |
| 34-1-119.....                                                                          | F                 | 10.64                        | 3.29    | 8.28 61.04         |
| 34-6-110.....                                                                          | F                 | 9.38                         | 3.98    | 8.52 60.54         |
| <b>The Security Flour Mills Co., Abilene, Kan.</b>                                     |                   |                              |         |                    |
| Kansas Gray Wheat Shorts.....                                                          | G                 | 16.00                        | 3.50    | 5.50 55.00         |
| 34-8-210.....                                                                          | F                 | 19.44                        | 3.98    | 5.28 55.37         |
| 34-11-189.....                                                                         | F                 | 19.13                        | 4.78    | 6.17 53.09         |
| Wheat Bran and Wheat Screenings not Exceeding Mill-run.....                            | G                 | 14.50                        | 3.50    | 11.00 47.00        |
| 34-9-165.....                                                                          | F                 | 17.06                        | 4.09    | 10.52 49.74        |
| 34-11-191.....                                                                         | F                 | 17.94                        | 3.55    | 9.18 49.99         |
| Wheat Mixed Feed and Wheat Screenings.....                                             | G                 | 16.00                        | 3.50    | 8.50 53.00         |
| 34-1-21.....                                                                           | F                 | 18.31                        | 4.22    | 7.73 52.28         |
| 34-8-211.....                                                                          | F                 | 18.25                        | 3.62    | 7.77 52.86         |
| 34-11-190.....                                                                         | F                 | 19.00                        | 4.68    | 7.48 50.79         |
| <b>The Sedalia Milling Co., Sedalia, Mo.</b>                                           |                   |                              |         |                    |
| Blue Barrel Chick Starter.....                                                         | G                 | 14.00                        | 3.00    | 5.00 55.00         |
| 34-3-1.....                                                                            | F                 | 17.69                        | 6.48    | 3.65 56.79         |
| Blue Barrel Growing Mash.....                                                          | G                 | 13.00                        | 3.00    | 8.00 52.00         |
| 34-6-39 <sup>12,14</sup> .....                                                         | F                 | 15.19                        | 4.31    | 6.04 55.42         |
| Blue Barrel Hen Scratch.....                                                           | G                 | 9.00                         | 2.00    | 3.00 65.00         |
| 34-2-288.....                                                                          | F                 | 10.94                        | 4.55    | 1.59 69.35         |
| Blue Barrel Laying Mash.....                                                           | G                 | 14.00                        | 3.00    | 8.00 50.00         |
| 34-3-2 <sup>9</sup> .....                                                              | F                 | 15.31                        | 5.25    | 6.55 54.63         |
| Milky Way Dairy Feed.....                                                              | G                 | 9.00                         | 1.50    | 14.00 52.00        |
| 34-2-287.....                                                                          | F                 | 10.81                        | 3.55    | 8.29 59.46         |
| Soft Wheat Bran and Wheat Screenings not Exceeding 6 %.....                            | G                 | 14.00                        | 3.00    | 11.00 52.00        |
| 34-2-285.....                                                                          | F                 | 18.13                        | 5.41    | 9.59 51.30         |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |       |          |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|----------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |       |          |
|                                                                                        |                   | Protein        | Fat           | Fiber | N. F. E. |
| Soft Wheat Gray Shorts and Wheat Screenings not                                        |                   |                |               |       |          |
| Exceeding 6 %.....                                                                     | G                 | 15.00          | 4.00          | 6.00  | 56.00    |
| 34-2-284.....                                                                          | F                 | 18.63          | 5.19          | 5.23  | 57.06    |
| University Laying Mash.....                                                            |                   |                |               |       |          |
| 34-2-286.....                                                                          | G                 | 12.00          | 3.00          | 9.00  | 50.00    |
|                                                                                        | F                 | 14.69          | 4.61          | 6.85  | 51.39    |
| <b>Sedalia Trading Co., Sedalia, Mo.</b>                                               |                   |                |               |       |          |
| Egg Mash.....                                                                          | G                 | 16.00          | 4.00          | 8.00  | 55.00    |
| 34-3-13 <sup>4,5,10</sup> .....                                                        | F                 | 18.13          | 5.40          | 8.45  | 51.09    |
| Hen Scratch.....                                                                       | G                 | 9.00           | 4.50          | 2.50  | 65.00    |
| 34-10-158 <sup>2</sup> .....                                                           | F                 | 11.19          | 4.18          | 2.21  | 69.82    |
| <b>Seitz Packing and Manufacturing Co., St. Joseph, Mo.</b>                            |                   |                |               |       |          |
| Meat and Bone Scraps.....                                                              | G                 | 51.00          | 11.00         | 1.50  | 0.71     |
| 34-5-32 <sup>8</sup> .....                                                             | F                 | 52.13          | 12.76         | 1.41  | 0.32     |
| <b>Frank Shapiro, Stewartsville, Mo.</b>                                               |                   |                |               |       |          |
| Shapiro's Egg Mash.....                                                                | G                 | 17.00          | 4.00          | 7.00  | 53.00    |
| 34-12-71 <sup>14</sup> .....                                                           | F                 | 19.25          | 4.92          | 6.53  | 51.01    |
| <b>Sharps Stores Co., Middletown, Mo.</b>                                              |                   |                |               |       |          |
| Sharps Daily Layer.....                                                                | G                 | 21.00          | 4.00          | 8.00  | 48.00    |
| 34-3-20.....                                                                           | F                 | 21.13          | 7.52          | 6.56  | 46.05    |
| <b>Shatzer Produce Co., Paris, Mo.</b>                                                 |                   |                |               |       |          |
| Shatzer's Egg Mash.....                                                                | G                 | 19.00          | 4.00          | 6.50  | 50.00    |
| 34-4-219 <sup>4,8</sup> .....                                                          | F                 | 21.38          | 6.82          | 4.36  | 49.02    |
| <b>Shelbina Milling Co., Shelbina, Mo.</b>                                             |                   |                |               |       |          |
| Shelbina Laying Mash, Missouri Formula.....                                            | G                 | 17.00          | 3.50          | 6.50  | 47.00    |
| 34-1-188 <sup>1,5</sup> .....                                                          | F                 | 14.88          | 5.39          | 3.87  | 58.21    |
| <b>Troy Shoemaker, Eldorado Springs, Mo.</b>                                           |                   |                |               |       |          |
| Cow Feed.....                                                                          | G                 | 12.00          | 3.50          | 11.00 | 50.00    |
| 34-5-38.....                                                                           | F                 | 12.81          | 4.19          | 6.53  | 57.81    |
| 34-9-229.....                                                                          | F                 | 15.38          | 4.82          | 8.24  | 54.40    |
| (Hen) Laying Mash.....                                                                 | G                 | 17.00          | 4.00          | 8.00  | 53.00    |
| 34-2-39.....                                                                           | F                 | 19.50          | 4.84          | 6.10  | 49.06    |
| 34-9-228.....                                                                          | F                 | 19.13          | 4.98          | 5.33  | 51.15    |
| Our Pride Laying Mash.....                                                             | G                 | 18.00          | 4.50          | 6.00  | 50.00    |
| 34-9-227.....                                                                          | F                 | 18.25          | 6.25          | 4.27  | 53.40    |
| Our Pride Starting and Growing Mash.....                                               | G                 | 16.00          | 4.50          | 6.00  | 50.00    |
| 34-9-226.....                                                                          | F                 | 17.31          | 5.13          | 3.50  | 55.65    |
| <b>Silex Mills, Silex, Mo.</b>                                                         |                   |                |               |       |          |
| Egg Getter Egg Mash.....                                                               | G                 | 17.00          | 4.50          | 6.60  | 50.00    |
| 34-6-74.....                                                                           | F                 | 18.94          | 5.52          | 6.11  | 52.27    |
| 34-9-76.....                                                                           | F                 | 18.88          | 5.75          | 6.33  | 51.44    |
| Ground Soft Wheat Feed with Wheat Screenings not                                       |                   |                |               |       |          |
| Exceeding 10 %.....                                                                    | G                 | 14.33          | 2.89          | 7.78  | 60.39    |
| 34-6-75 <sup>4,5</sup> .....                                                           | F                 | 15.94          | 4.99          | 6.38  | 58.66    |
| 34-9-78 <sup>4,5,8</sup> .....                                                         | F                 | 17.06          | 3.81          | 6.51  | 60.51    |
| Missouri Formula Growing Mash.....                                                     |                   |                |               |       |          |
| 34-6-77.....                                                                           | G                 | 16.00          | 3.00          | 6.00  | 45.00    |
| 34-9-77.....                                                                           | F                 | 20.75          | 5.07          | 4.21  | 51.21    |
| 34-9-77.....                                                                           | F                 | 19.38          | 5.26          | 4.75  | 51.13    |
| Missouri Formula Starting Mash.....                                                    |                   |                |               |       |          |
| 34-6-76 <sup>8,10</sup> .....                                                          | G                 | 14.00          | 2.75          | 5.00  | 53.00    |
| 34-6-76.....                                                                           | F                 | 17.63          | 5.19          | 3.67  | 56.51    |
| 34-9-79 <sup>8</sup> .....                                                             | F                 | 16.81          | 5.15          | 3.09  | 59.28    |
| Screened Coarse Corn Chop.....                                                         |                   |                |               |       |          |
| 34-8-56 <sup>4,5</sup> .....                                                           | G                 | 9.00           | 3.50          | 3.50  | 65.00    |
| 34-8-56.....                                                                           | F                 | 9.44           | 5.91          | 1.84  | 72.08    |
| Screened Medium Corn Chop.....                                                         |                   |                |               |       |          |
| 34-8-198 <sup>4,5</sup> .....                                                          | G                 | 9.00           | 3.50          | 3.50  | 65.00    |
| 34-8-198.....                                                                          | F                 | 9.50           | 4.15          | 2.06  | 72.61    |
| Soft Wheat Bran with Ground Wheat Screenings not                                       |                   |                |               |       |          |
| Exceeding Mill-run.....                                                                | G                 | 14.50          | 2.25          | 12.50 | 54.60    |
| 34-2-173 <sup>4,5</sup> .....                                                          | F                 | 16.44          | 4.48          | 8.85  | 52.58    |
| 34-8-55 <sup>4,5</sup> .....                                                           | F                 | 15.75          | 4.18          | 11.33 | 53.39    |
| 34-9-80 <sup>4,5,23</sup> .....                                                        | F                 | 16.38          | 3.96          | 9.96  | 55.03    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key      | Chemical Analyses |                |               |       |          |
|---------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|----------|
|                                                                                             | %                 | Guaranteed (G) | and Found (F) |       |          |
|                                                                                             |                   | Protein        | Fat           | Fiber | N. F. E. |
| Wayne Local Mix Chick Mash.....                                                             | G                 | 16.00          | 3.50          | 6.00  | 50.00    |
| 34-6-78 <sup>8</sup> .....                                                                  | F                 | 16.50          | 4.55          | 3.33  | 60.45    |
| <b>Silver Lake Mills, Phillipsburg, Mo.</b>                                                 |                   |                |               |       |          |
| Chick Starting Mash.....                                                                    | G                 | 17.00          | 4.00          | 7.00  | 45.00    |
| 34-4-183.....                                                                               | F                 | 20.56          | 6.00          | 4.70  | 49.43    |
| Superior Egg Mash.....                                                                      | G                 | 18.00          | 4.00          | 8.00  | 45.00    |
| 34-4-182.....                                                                               | F                 | 21.25          | 5.74          | 5.05  | 46.59    |
| Wheat Mixed Feed with Screenings.....                                                       | G                 | 15.00          | 3.00          | 8.50  | 50.00    |
| 34-5-191.....                                                                               | F                 | 15.88          | 4.29          | 6.39  | 57.96    |
| <b>Slater Mill and Elevator Co., Slater, Mo.</b>                                            |                   |                |               |       |          |
| Hummer Baby Chick Scratch.....                                                              | G                 | 10.50          | 3.80          | 6.00  | 64.00    |
| 34-2-227.....                                                                               | F                 | 11.13          | 4.04          | 2.20  | 67.82    |
| Hummer Baby Chick Starter.....                                                              | G                 | 10.00          | 2.50          | 5.00  | 55.00    |
| 34-2-228 <sup>9</sup> .....                                                                 | F                 | 17.75          | 5.76          | 4.06  | 52.80    |
| Hummer Gray Winter Wheat Shorts with Ground<br>Wheat Screenings not Exceeding Mill-run..... | G                 | 15.19          | 4.24          | 6.00  | 57.99    |
| 34-7-125 <sup>7,9</sup> .....                                                               | F                 | 16.94          | 4.47          | 6.14  | 59.19    |
| Hummer Hen Scratch.....                                                                     | G                 | 10.00          | 3.00          | 4.00  | 56.00    |
| 34-2-226.....                                                                               | F                 | 10.63          | 4.00          | 2.26  | 69.33    |
| 34-7-123.....                                                                               | F                 | 10.56          | 3.56          | 2.83  | 70.90    |
| Hummer Laying Mash.....                                                                     | G                 | 20.00          | 6.00          | 5.50  | 45.00    |
| 34-7-122 <sup>8</sup> .....                                                                 | F                 | 21.19          | 6.05          | 6.64  | 46.76    |
| Hummer Mixed Feed with Ground Wheat Screenings<br>not Exceeding Mill-run.....               | G                 | 14.44          | 3.96          | 7.05  | 56.26    |
| 34-2-225 <sup>7,9</sup> .....                                                               | F                 | 16.19          | 5.06          | 6.87  | 54.86    |
| 34-7-124.....                                                                               | F                 | 16.19          | 4.48          | 7.91  | 56.30    |
| 34-2-224 <sup>7,9</sup> .....                                                               | F                 | 17.63          | 5.09          | 7.59  | 54.01    |
| Hummer Winter Wheat Bran with Ground Wheat<br>Screenings not Exceeding Mill-run.....        | G                 | 15.00          | 3.50          | 9.20  | 52.00    |
| 34-2-224 <sup>7,9</sup> .....                                                               | F                 | 15.50          | 4.08          | 9.35  | 51.05    |
| 34-7-126 <sup>7,9</sup> .....                                                               | F                 | 16.19          | 3.50          | 11.29 | 51.48    |
| Hummer Gray Winter Wheat Shorts with Ground<br>Wheat Screenings not to Exceed Mill-run..... | G                 | 15.19          | 4.24          | 6.00  | 57.99    |
| 34-2-223 <sup>7,9</sup> .....                                                               | F                 | 15.50          | 4.73          | 5.83  | 58.17    |
| 34-5-95.....                                                                                | F                 | 16.94          | 5.15          | 6.11  | 55.39    |
| Missouri Formula Laying Mash.....                                                           | G                 | 10.00          | 5.00          | 6.00  | 62.00    |
| 34-5-93 <sup>4,5,8,9,12,25</sup> .....                                                      | F                 | 19.06          | 4.97          | 5.70  | 51.51    |
| <b>The W. J. Small Hay and Grain Co., Neodesha, Kans.</b>                                   |                   |                |               |       |          |
| Dehydrated Alfalfa Meal.....                                                                | G                 | 17.00          | 2.00          | 26.00 | 35.00    |
| 34-1-276 <sup>1</sup> .....                                                                 | F                 | 19.56          | 3.15          | 21.86 | 38.53    |
| Excello Dehydrated Alfalfa Meal.....                                                        | G                 | 20.00          | 1.75          | 20.00 | 35.00    |
| 34-8-126.....                                                                               | F                 | 21.81          | 3.69          | 19.16 | 37.81    |
| 34-9-109.....                                                                               | F                 | 19.46          | 2.89          | 25.70 | 35.79    |
| Keystone Dehydrated Alfalfa Meal.....                                                       | G                 | 17.00          | 1.75          | 27.00 | 35.00    |
| 34-9-110.....                                                                               | F                 | 17.25          | 2.86          | 29.88 | 34.96    |
| Verdigris Valley Special Alfalfa Meal No. 1 Fine<br>Ground.....                             | G                 | 12.00          | 1.50          | 30.00 | 40.00    |
| 34-1-272 <sup>1,9,10</sup> .....                                                            | F                 | 16.63          | 2.09          | 32.08 | 32.91    |
| <b>Homer Smlth Milling Co., Mt. Vernon, Mo.</b>                                             |                   |                |               |       |          |
| University Dairy Feed.....                                                                  | G                 | 13.00          | 3.50          | 11.00 | 50.00    |
| 34-4-50 <sup>2</sup> .....                                                                  | F                 | 13.81          | 4.41          | 7.70  | 57.18    |
| 34-8-45 <sup>7,9</sup> .....                                                                | F                 | 11.88          | 4.68          | 8.65  | 61.62    |
| University Laying Mash.....                                                                 | G                 | 18.00          | 3.50          | 5.50  | 45.00    |
| 34-4-49.....                                                                                | F                 | 20.31          | 5.81          | 3.95  | 49.60    |
| 34-8-44 <sup>7</sup> .....                                                                  | F                 | 23.88          | 6.97          | 4.42  | 46.91    |
| <b>Smlthton Creamery Co., Smlthton, Mo.</b>                                                 |                   |                |               |       |          |
| "Bremer's" Dried Buttermilk.....                                                            | G                 | 30.00          | 5.50          | 0.00  | 40.00    |
| 34-6-37 <sup>3,12</sup> .....                                                               | F                 | 34.94          | 6.35          | 0.00  | 43.51    |
| <b>Southland Cotton Oil Co., Parls, Texas</b>                                               |                   |                |               |       |          |
| Southland's Cottonseed Meal.....                                                            | G                 | 43.00          | 6.00          | 12.00 | 23.00    |
| 34-1-167.....                                                                               | F                 | 43.38          | 8.16          | 9.50  | 26.08    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber N. F. E. |      |       |       |
|----------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------|------|-------|-------|
| <b>The Southern Cotton Oil Co., Newport, Ark.</b>                                      |   |                                                                                             |      |       |       |
| Scoco Brand 41 % Protein Cottonseed Meal.....                                          | G | 41.00                                                                                       | 5.00 | 14.00 | 23.00 |
| 34-2-72 <sup>4,5</sup> .....                                                           | F | 42.31                                                                                       | 7.42 | 9.09  | 27.05 |
| 34-3-127 <sup>4,5,10</sup> .....                                                       | F | 43.38                                                                                       | 8.20 | 8.96  | 27.03 |
| Scoco Brand 43 % Protein Cottonseed Meal.....                                          | G | 43.00                                                                                       | 6.00 | 12.00 | 23.00 |
| 34-2-26 <sup>4,5</sup> .....                                                           | F | 43.16                                                                                       | 7.33 | 9.47  | 27.50 |
| 34-2-71 <sup>4,5</sup> .....                                                           | F | 43.00                                                                                       | 7.44 | 8.95  | 27.56 |
| 34-4-197 <sup>4,5</sup> .....                                                          | F | 42.51                                                                                       | 6.95 | 9.57  | 27.72 |
| 34-5-184 <sup>4,5,10</sup> .....                                                       | F | 43.50                                                                                       | 7.28 | 6.45  | 28.87 |
| <b>Southwest Milling Co., Southwest City, Mo.</b>                                      |   |                                                                                             |      |       |       |
| Mill-run Mixed Feed.....                                                               | G | 14.23                                                                                       | 2.85 | 11.82 | 54.00 |
| 34-7-93.....                                                                           | F | 17.00                                                                                       | 4.20 | 7.53  | 57.75 |
| Pure Red Winter White Wheat Shorts.....                                                | G | 16.00                                                                                       | 4.00 | 3.50  | 57.00 |
| 34-7-94.....                                                                           | F | 15.35                                                                                       | 3.16 | 1.07  | 67.53 |
| Screened Corn Chops.....                                                               | G | 9.88                                                                                        | 3.39 | 2.52  | 70.00 |
| 34-7-95.....                                                                           | F | 9.67                                                                                        | 4.11 | 1.73  | 70.72 |
| <b>The Southwestern Milling Division of Standard Milling Co., Kansas City, Mo.</b>     |   |                                                                                             |      |       |       |
| Aristos Mixed Feed and Wheat Screenings not Exceeding 8 %.....                         | G | 16.00                                                                                       | 3.75 | 8.50  | 51.50 |
| 34-8-155 <sup>23</sup> .....                                                           | F | 18.13                                                                                       | 4.16 | 8.01  | 53.26 |
| Red Turkey Pure Wheat Bran.....                                                        | G | 15.00                                                                                       | 3.50 | 10.00 | 50.00 |
| 34-11-107 <sup>23</sup> .....                                                          | F | 16.75                                                                                       | 4.76 | 10.57 | 50.22 |
| Red Turkey Wheat Gray Shorts and Wheat Scourings.....                                  | G | 16.00                                                                                       | 3.75 | 6.00  | 55.00 |
| 34-11-108.....                                                                         | F | 18.56                                                                                       | 4.87 | 6.00  | 55.25 |
| 34-11-184.....                                                                         | F | 18.19                                                                                       | 4.39 | 6.19  | 55.25 |
| Red Turkey Wheat Gray Shorts and Wheat Screenings.....                                 | G | 16.00                                                                                       | 4.00 | 6.00  | 50.00 |
| 34-2-176.....                                                                          | F | 18.13                                                                                       | 4.70 | 5.80  | 54.84 |
| <b>Spear Brand Mills, Inc., Kansas City, Mo.</b>                                       |   |                                                                                             |      |       |       |
| Blue Spear Mixed Feed.....                                                             | G | 11.00                                                                                       | 3.50 | 12.00 | 45.00 |
| 34-4-5 <sup>9,10</sup> .....                                                           | F | 13.00                                                                                       | 3.85 | 12.89 | 52.62 |
| Blue Spear Mixed Feed with Molasses.....                                               | G | 12.00                                                                                       | 2.00 | 15.00 | 48.00 |
| 34-4-4 <sup>7,8,9,12</sup> .....                                                       | F | 9.50                                                                                        | 2.59 | 11.29 | 58.01 |
| Cracker Jack Egg Mash.....                                                             | G | 17.00                                                                                       | 3.50 | 7.00  | 50.00 |
| 34-2-66.....                                                                           | F | 19.75                                                                                       | 4.71 | 4.84  | 51.65 |
| 34-3-285.....                                                                          | F | 20.81                                                                                       | 5.14 | 5.93  | 49.15 |
| Green Spear 16 % Dairy Feed.....                                                       | G | 16.00                                                                                       | 4.00 | 15.00 | 43.00 |
| 34-3-276 <sup>7,8</sup> .....                                                          | F | 16.38                                                                                       | 3.47 | 8.10  | 54.19 |
| Green Spear Alfalfa Molasses.....                                                      | G | 10.00                                                                                       | 1.00 | 24.00 | 43.00 |
| 34-11-125 <sup>7,12</sup> .....                                                        | F | 10.81                                                                                       | 1.77 | 25.32 | 45.61 |
| Green Spear All-Mash Chick Ration.....                                                 | G | 15.00                                                                                       | 4.00 | 6.50  | 50.00 |
| 34-4-11.....                                                                           | F | 15.69                                                                                       | 4.42 | 6.09  | 56.63 |
| Green Spear Chick Grains.....                                                          | G | 10.00                                                                                       | 3.00 | 3.50  | 65.00 |
| 34-3-280 <sup>7</sup> .....                                                            | F | 10.88                                                                                       | 3.49 | 1.39  | 70.00 |
| Green Spear Egg Mash.....                                                              | G | 18.00                                                                                       | 3.50 | 7.50  | 52.00 |
| 34-3-286 <sup>7,8</sup> .....                                                          | F | 20.06                                                                                       | 4.91 | 5.32  | 50.90 |
| 34-9-86 <sup>7</sup> .....                                                             | F | 21.50                                                                                       | 4.84 | 6.12  | 48.90 |
| Green Spear Horse and Mule Feed.....                                                   | G | 10.00                                                                                       | 2.00 | 15.00 | 55.00 |
| 34-4-9 <sup>7,12</sup> .....                                                           | F | 9.10                                                                                        | 3.43 | 7.02  | 65.83 |
| Green Spear Scratch Grains.....                                                        | G | 10.50                                                                                       | 3.00 | 3.00  | 65.00 |
| 34-3-281 <sup>7,10</sup> .....                                                         | F | 10.22                                                                                       | 3.41 | 1.59  | 70.97 |
| Red Spear 24 % Dairy Feed.....                                                         | G | 24.00                                                                                       | 3.50 | 10.00 | 43.00 |
| 34-4-2 <sup>7,8,12</sup> .....                                                         | F | 24.75                                                                                       | 4.07 | 7.17  | 49.86 |
| Red Spear 34 % Dairy Supplement.....                                                   | G | 34.00                                                                                       | 4.00 | 7.00  | 33.00 |
| 34-4-3 <sup>7,9</sup> .....                                                            | F | 30.38                                                                                       | 4.92 | 6.77  | 38.46 |
| Red Spear 32 % Protein Egg Mash Supplement.....                                        | G | 32.00                                                                                       | 4.00 | 8.00  | 25.00 |
| 34-4-10 <sup>7,8</sup> .....                                                           | F | 27.40                                                                                       | 4.50 | 7.23  | 43.29 |
| Red Spear Big 40 % Hog Feed.....                                                       | G | 40.00                                                                                       | 5.00 | 6.00  | 30.00 |
| 34-3-8 <sup>8</sup> .....                                                              | F | 38.44                                                                                       | 3.82 | 4.54  | 33.83 |
| Red Spear Calf Meal.....                                                               | G | 24.00                                                                                       | 4.00 | 4.00  | 55.00 |
| 34-3-277 <sup>7,12</sup> .....                                                         | F | 21.44                                                                                       | 4.35 | 3.81  | 56.95 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |       |       |          |  |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|-------|-------|----------|--|
|                                                                                        | Protein                                             | Fat   | Fiber | N. F. E. |  |
| Red Spear Chick Grains.....                                                            | G 10.00                                             | 3.00  | 3.50  | 65.00    |  |
| 34-3-283 <sup>7,9</sup> .....                                                          | F 11.75                                             | 3.34  | 2.12  | 68.99    |  |
| Red Spear Developing Grains.....                                                       | G 10.50                                             | 3.00  | 3.00  | 65.00    |  |
| 34-3-282 <sup>7,12</sup> .....                                                         | F 10.69                                             | 3.68  | 1.75  | 70.90    |  |
| Red Spear Egg Mash.....                                                                | G 20.00                                             | 4.00  | 7.00  | 53.00    |  |
| 34-3-287 <sup>7,8</sup> .....                                                          | F 20.56                                             | 5.13  | 5.69  | 49.50    |  |
| Red Spear Growing Mash.....                                                            | G 19.50                                             | 4.00  | 7.00  | 50.00    |  |
| 34-3-288 <sup>7</sup> .....                                                            | F 21.38                                             | 4.84  | 6.61  | 46.04    |  |
| Red Spear Horse and Mule Feed.....                                                     | G 11.00                                             | 3.00  | 12.00 | 55.00    |  |
| 34-4-1 <sup>7,12</sup> .....                                                           | F 11.13                                             | 3.89  | 5.65  | 65.45    |  |
| Red Spear Scratch Grains.....                                                          | G 10.50                                             | 3.00  | 3.00  | 65.00    |  |
| 34-3-284 <sup>1,8,10</sup> .....                                                       | F 10.50                                             | 4.09  | 1.89  | 69.57    |  |
| Red Spear Station Fattener.....                                                        | G 13.50                                             | 5.00  | 4.00  | 60.00    |  |
| 34-3-278 <sup>8,9</sup> .....                                                          | F 14.00                                             | 4.90  | 3.12  | 56.54    |  |
| Spear Brand Red Spear Complete Broiler Mash.....                                       | G 17.00                                             | 4.00  | 5.00  | 56.00    |  |
| 34-4-6 <sup>7,8,9</sup> .....                                                          | F 17.63                                             | 4.34  | 5.98  | 54.57    |  |
| Spear Brand Start to Finish Chick Mash.....                                            | G 17.00                                             | 4.00  | 5.00  | 56.00    |  |
| 34-4-7 <sup>7,8</sup> .....                                                            | F 18.94                                             | 5.51  | 5.02  | 54.37    |  |
| <b>Spring Creek Mills, Hurley, Mo.</b>                                                 |                                                     |       |       |          |  |
| Mixed Feed.....                                                                        | G 14.50                                             | 4.40  | 6.74  | 58.63    |  |
| 34-6-61.....                                                                           | F 15.38                                             | 3.82  | 8.13  | 57.78    |  |
| <b>Springfield Creamery Co., Springfield, Mo.</b>                                      |                                                     |       |       |          |  |
| Dried Buttermilk.....                                                                  | G 30.00                                             | 5.00  | 0.00  | 45.00    |  |
| 34-1-268.....                                                                          | F 37.23                                             | 9.55  | 0.00  | 37.05    |  |
| 34-2-196 <sup>2</sup> .....                                                            | F 35.75                                             | 6.98  | 0.00  | 39.11    |  |
| <b>Springfield, Missouri Packing Co., Springfield, Mo.</b>                             |                                                     |       |       |          |  |
| Tankage.....                                                                           | G 50.00                                             | 5.00  | 2.00  | 2.00     |  |
| 34-10-68.....                                                                          | F 30.35                                             | 11.06 | 1.57  | 1.60     |  |
| <b>Springfield Sales Co., Springfield, Mo.</b>                                         |                                                     |       |       |          |  |
| Corn Chops.....                                                                        | G 9.00                                              | 3.50  | 3.00  | 65.00    |  |
| 34-4-89 <sup>7</sup> .....                                                             | F 9.44                                              | 4.72  | 1.63  | 74.42    |  |
| 34-8-204 <sup>7,10</sup> .....                                                         | F 9.56                                              | 3.83  | 1.53  | 73.56    |  |
| Ozark Pride Chick All-Mash.....                                                        | G 16.00                                             | 5.00  | 6.00  | 54.00    |  |
| 34-4-86 <sup>7,8</sup> .....                                                           | F 17.88                                             | 6.88  | 6.28  | 52.21    |  |
| 34-8-206 <sup>7,8</sup> .....                                                          | F 17.31                                             | 5.37  | 6.00  | 54.77    |  |
| Ozark Pride Chick Starter.....                                                         | G 18.00                                             | 4.00  | 5.00  | 56.00    |  |
| 34-4-85 <sup>7</sup> .....                                                             | F 17.75                                             | 5.82  | 5.04  | 53.66    |  |
| 34-8-202 <sup>7</sup> .....                                                            | F 18.19                                             | 5.14  | 5.26  | 53.57    |  |
| Ozark Pride Egg Mash.....                                                              | G 18.00                                             | 3.50  | 7.00  | 50.00    |  |
| 34-4-60 <sup>7</sup> .....                                                             | F 17.38                                             | 4.54  | 6.25  | 53.12    |  |
| 34-8-201 <sup>7</sup> .....                                                            | F 17.00                                             | 4.08  | 7.16  | 55.40    |  |
| Ozark Pride Mixed Feed.....                                                            | G 11.00                                             | 3.00  | 14.00 | 50.00    |  |
| 34-4-88.....                                                                           | F 12.75                                             | 4.00  | 16.63 | 51.35    |  |
| 34-8-203.....                                                                          | F 11.10                                             | 3.98  | 16.30 | 52.64    |  |
| Ozark Pride Special Egg Mash.....                                                      | G 20.00                                             | 4.50  | 6.50  | 47.00    |  |
| 34-4-87 <sup>7</sup> .....                                                             | F 21.75                                             | 6.03  | 5.61  | 48.84    |  |
| 34-8-205 <sup>9</sup> .....                                                            | F 24.00                                             | 5.57  | 7.67  | 45.84    |  |
| M and T Scratch Feed.....                                                              | G 10.00                                             | 3.00  | 3.50  | 65.00    |  |
| 34-8-207 <sup>23</sup> .....                                                           | F 10.31                                             | 3.26  | 2.18  | 71.93    |  |
| <b>Sproul and Son, Paris, Mo.</b>                                                      |                                                     |       |       |          |  |
| Missouri Formula Chick Starting Mash with Cod<br>Liver Oil.....                        | G 15.00                                             | 3.00  | 5.00  | 51.00    |  |
| 34-4-224 <sup>8</sup> .....                                                            | F 16.50                                             | 4.78  | 3.07  | 59.62    |  |
| Missouri Formula Laying Mash.....                                                      | G 22.00                                             | 4.00  | 6.00  | 46.00    |  |
| 34-4-225 <sup>7</sup> .....                                                            | F 22.25                                             | 7.25  | 4.12  | 47.44    |  |
| Sproul Pig and Hog Feed.....                                                           | G 31.00                                             | 5.00  | 6.00  | 35.00    |  |
| 34-4-226 <sup>8</sup> .....                                                            | F 32.63                                             | 7.09  | 4.54  | 36.25    |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key       |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber N. F. E. |       |       |       |
|----------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------|-------|-------|-------|
| <b>St. Elizabeth Roller Mills, St. Ellizabeth, Mo.</b>                                       |   |                                                                                             |       |       |       |
| Wheat Bran.....                                                                              | G | 13.50                                                                                       | 3.75  | 10.50 | 55.00 |
| 34-4-200.....                                                                                | F | 16.44                                                                                       | 3.87  | 6.07  | 58.35 |
| White Wheat Shorts.....                                                                      | G | 15.00                                                                                       | 2.00  | 3.50  | 68.00 |
| 34-4-201.....                                                                                | F | 16.38                                                                                       | 3.81  | 3.14  | 62.83 |
| <b>St. Francols County Farm Bureau Purchasing and<br/>Sales Association, Farmington, Mo.</b> |   |                                                                                             |       |       |       |
| Faburo Growing Mash.....                                                                     | G | 17.00                                                                                       | 3.50  | 6.00  | 48.00 |
| 34-11-56 <sup>5</sup> .....                                                                  | F | 19.56                                                                                       | 5.85  | 4.63  | 49.48 |
| Faburo Laying Mash.....                                                                      | G | 20.00                                                                                       | 4.00  | 5.50  | 45.00 |
| 34-11-55 <sup>14,31</sup> .....                                                              | F | 21.75                                                                                       | 6.16  | 3.68  | 49.51 |
| Screened Corn Chops.....                                                                     | G | 8.38                                                                                        | 4.00  | 1.98  | 75.13 |
| 34-11-57.....                                                                                | F | 10.06                                                                                       | 4.41  | 1.55  | 72.39 |
| Screenings from Corn Chops.....                                                              | G | 9.50                                                                                        | 5.34  | 2.47  | 72.56 |
| 34-11-58 <sup>4,5,23</sup> .....                                                             | F | 11.06                                                                                       | 7.90  | 2.45  | 65.17 |
| <b>St. Louis Independent Packing Co., St. Louis, Mo.</b>                                     |   |                                                                                             |       |       |       |
| Independent Brand Digester Tankage.....                                                      | G | 60.00                                                                                       | 8.00  | 3.00  | 0.00  |
| 34-11-246 <sup>4</sup> .....                                                                 | F | 58.13                                                                                       | 10.15 | 0.79  | 0.74  |
| <b>St. Mary's Milling Co., St. Mary's, Mo.</b>                                               |   |                                                                                             |       |       |       |
| Gray Wheat Shorts with Ground Wheat Screenings..                                             | G | 16.00                                                                                       | 3.50  | 6.00  | 57.00 |
| 34-11-195.....                                                                               | F | 16.06                                                                                       | 5.25  | 6.55  | 56.87 |
| Mixed Feed with Ground Wheat Screenings not Ex-<br>ceeding Mill-run.....                     | G | 15.00                                                                                       | 3.50  | 8.50  | 50.00 |
| 34-11-197 <sup>6,9,23</sup> .....                                                            | F | 15.88                                                                                       | 5.05  | 8.48  | 53.13 |
| Wheat Bran.....                                                                              | G | 14.50                                                                                       | 3.50  | 11.00 | 50.00 |
| 34-11-196.....                                                                               | F | 15.00                                                                                       | 4.68  | 11.11 | 50.32 |
| <b>Staley Milling Co., North Kansas City, Mo.</b>                                            |   |                                                                                             |       |       |       |
| Corn Feed Meal.....                                                                          | G | 9.00                                                                                        | 3.75  | 5.00  | 62.00 |
| 34-7-49.....                                                                                 | F | 9.81                                                                                        | 5.43  | 4.23  | 68.65 |
| Four Bells Egg Producer.....                                                                 | G | 19.00                                                                                       | 4.00  | 7.00  | 50.00 |
| 34-7-47.....                                                                                 | F | 20.38                                                                                       | 5.67  | 4.90  | 51.78 |
| 34-9-12.....                                                                                 | F | 20.88                                                                                       | 6.30  | 5.73  | 50.34 |
| Four Bells Growing Mash with Dried Buttermilk and<br>Cod Liver Oil.....                      | G | 16.00                                                                                       | 4.00  | 7.00  | 50.00 |
| 34-7-46.....                                                                                 | F | 18.50                                                                                       | 5.41  | 5.40  | 53.87 |
| Four Bells Quality Brand Feed.....                                                           | G | 12.00                                                                                       | 3.00  | 10.00 | 50.00 |
| 34-3-125 <sup>1</sup> .....                                                                  | F | 12.31                                                                                       | 5.60  | 8.44  | 58.21 |
| 34-7-2.....                                                                                  | F | 12.19                                                                                       | 4.02  | 6.61  | 63.30 |
| Four Bells Starter and Developer with Dried Butter-<br>milk and Cod Liver Oil.....           | G | 16.00                                                                                       | 4.00  | 6.50  | 50.00 |
| 34-7-48 <sup>4,5</sup> .....                                                                 | F | 18.81                                                                                       | 5.66  | 5.41  | 54.20 |
| 34-9-10 <sup>4,5</sup> .....                                                                 | F | 18.88                                                                                       | 5.54  | 5.03  | 55.34 |
| Red "S" All-Mash with Dried Buttermilk and Cod<br>Liver Oil.....                             | G | 16.00                                                                                       | 4.00  | 6.50  | 50.00 |
| 34-7-4 <sup>4,5,10</sup> .....                                                               | F | 18.25                                                                                       | 6.44  | 5.23  | 53.56 |
| 34-9-8 <sup>4,5,10</sup> .....                                                               | F | 18.38                                                                                       | 6.61  | 5.78  | 53.27 |
| Red "S" Chick Growing Scratch.....                                                           | G | 10.00                                                                                       | 3.00  | 5.00  | 60.00 |
| 34-9-13.....                                                                                 | F | 10.63                                                                                       | 3.58  | 1.81  | 72.57 |
| Red "S" Egg Producer.....                                                                    | G | 18.00                                                                                       | 4.00  | 7.00  | 50.00 |
| 34-7-5 <sup>8</sup> .....                                                                    | F | 19.06                                                                                       | 4.71  | 5.53  | 53.57 |
| 34-9-9.....                                                                                  | F | 18.94                                                                                       | 4.15  | 5.56  | 56.27 |
| Red "S" Scratch Feed.....                                                                    | G | 10.00                                                                                       | 3.00  | 5.00  | 65.00 |
| 34-9-14 <sup>4,5</sup> .....                                                                 | F | 9.50                                                                                        | 3.62  | 1.85  | 73.57 |
| Staley's 16 % Quality Brand Dairy Feed.....                                                  | G | 16.00                                                                                       | 3.00  | 10.00 | 50.00 |
| 34-7-51.....                                                                                 | F | 18.13                                                                                       | 5.43  | 8.52  | 51.92 |
| Staley's 24 % Quality Brand Dairy Feed.....                                                  | G | 24.00                                                                                       | 3.00  | 10.00 | 43.00 |
| 34-7-50 <sup>9</sup> .....                                                                   | F | 25.00                                                                                       | 4.90  | 8.96  | 42.51 |
| Staley's Poultry Fattener (Station Feed).....                                                | G | 12.50                                                                                       | 4.20  | 6.50  | 60.00 |
| 34-9-11.....                                                                                 | F | 15.19                                                                                       | 5.19  | 5.02  | 62.96 |
| Staley's Poultry Fattener (Shipping Feed).....                                               | G | 12.50                                                                                       | 4.00  | 6.50  | 60.00 |
| 34-7-52... ..                                                                                | F | 15.38                                                                                       | 10.61 | 5.06  | 56.70 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |             |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                        | Protein           | Fat            | Fiber         | N. F. E.    |
| <b>F. M. Stamper Co., Moberly, Mo.</b>                                                 |                   |                |               |             |
| Stamper Missouri Formula Egg Mash.....                                                 | G                 | 20.00          | 3.50          | 6.50 45.00  |
| 34-2-159 <sup>1</sup> .....                                                            | F                 | 22.06          | 6.18          | 4.50 45.90  |
| Stamper Quality Brand Egg Mash.....                                                    | G                 | 20.00          | 3.50          | 6.50 45.00  |
| 34-1-131.....                                                                          | F                 | 22.00          | 5.35          | 4.25 50.00  |
| 34-4-122.....                                                                          | F                 | 21.81          | 5.34          | 4.12 47.14  |
| 34-9-191.....                                                                          | F                 | 21.88          | 6.23          | 5.40 46.14  |
| 34-12-102.....                                                                         | F                 | 20.69          | 6.00          | 5.11 47.08  |
| Stamper Quality Brand Growing Mash.....                                                | G                 | 17.00          | 3.50          | 6.00 47.00  |
| 34-2-144.....                                                                          | F                 | 18.75          | 5.45          | 4.60 50.14  |
| Stamper Quality Brand Hen Scratch.....                                                 | G                 | 10.00          | 3.00          | 3.50 63.00  |
| 34-1-132.....                                                                          | F                 | 9.69           | 3.42          | 1.81 74.80  |
| Stamper Quality Brand Starting Feed.....                                               | G                 | 15.00          | 3.50          | 5.00 52.00  |
| 34-3-116.....                                                                          | F                 | 16.06          | 5.45          | 3.52 55.72  |
| 34-4-123.....                                                                          | F                 | 16.50          | 4.69          | 3.45 55.39  |
| 34-12-104.....                                                                         | F                 | 17.06          | 5.99          | 4.59 53.96  |
| Stamper Quality Brand Turkey Growing Mash.....                                         | G                 | 19.00          | 3.50          | 7.00 45.00  |
| 34-9-192.....                                                                          | F                 | 21.38          | 5.83          | 6.04 45.54  |
| <b>Standard Soy Bean Mills, Centerville, Iowa</b>                                      |                   |                |               |             |
| Soy Bean Oil Meal.....                                                                 | G                 | 41.00          | 4.50          | 7.00 30.00  |
| 34-4-227.....                                                                          | F                 | 46.44          | 6.40          | 5.51 29.33  |
| <b>Standard Tilton Milling Co., St. Louis, Mo.</b>                                     |                   |                |               |             |
| American Beauty Pure Wheat Bran.....                                                   | G                 | 14.50          | 4.00          | 9.50 54.00  |
| 34-12-27.....                                                                          | F                 | 17.56          | 4.60          | 11.67 46.76 |
| <b>Stauffer-Cammack Grain Co., Baxter Springs, Kan.</b>                                |                   |                |               |             |
| Staumack Dairy Feed.....                                                               | G                 | 17.00          | 3.00          | 11.50 57.50 |
| 34-8-164 <sup>4,5,8,9</sup> .....                                                      | F                 | 17.03          | 4.92          | 10.49 51.44 |
| <b>Stella Roller Mills, Stella, Mo.</b>                                                |                   |                |               |             |
| Soft Wheat White Shorts.....                                                           | G                 | 14.67          | 2.87          | 3.50 63.00  |
| 34-2-278 <sup>1,2</sup> .....                                                          | F                 | 14.19          | 3.85          | 2.04 65.30  |
| <b>Stemmons Produce Co., Jasper, Mo.</b>                                               |                   |                |               |             |
| Stempro Chick Starter with Buttermilk.....                                             | G                 | 17.00          | 4.50          | 6.00 55.00  |
| 34-5-136 <sup>7</sup> .....                                                            | F                 | 18.69          | 5.56          | 4.63 52.54  |
| 34-9-112 <sup>6</sup> .....                                                            | F                 | 17.13          | 6.02          | 4.54 56.51  |
| <b>E. B. Stockton, Warrensburg, Mo.</b>                                                |                   |                |               |             |
| Blue Ribbon Dairy Feed.....                                                            | G                 | 13.00          | 3.50          | 11.00 51.00 |
| 34-11-5 <sup>7,8</sup> .....                                                           | F                 | 14.56          | 5.24          | 7.91 56.91  |
| University Laying Mash.....                                                            | G                 | 18.00          | 3.50          | 6.00 44.00  |
| 34-11-4.....                                                                           | F                 | 16.44          | 5.23          | 6.12 55.35  |
| <b>Stoddard Mill and Grain Co., Advance, Mo.</b>                                       |                   |                |               |             |
| Corn Bran.....                                                                         | G                 | 9.00           | 4.50          | 12.10 60.00 |
| 34-2-1.....                                                                            | F                 | 11.00          | 8.49          | 6.38 56.22  |
| Gray Wheat Shorts and Wheat Screenings.....                                            | G                 | 15.00          | 3.00          | 6.00 55.00  |
| 34-1-288.....                                                                          | F                 | 13.66          | 4.30          | 4.14 61.86  |
| Screened Corn Chop.....                                                                | G                 | 9.05           | 4.03          | 2.05 70.05  |
| 34-2-2.....                                                                            | F                 | 8.94           | 7.25          | 1.83 66.58  |
| Wheat Bran.....                                                                        | G                 | 15.00          | 3.00          | 10.00 56.00 |
| 34-1-286.....                                                                          | F                 | 15.94          | 3.42          | 9.74 12.13  |
| 34-11-70.....                                                                          | F                 | 15.94          | 4.64          | 9.76 51.62  |
| Wheat Mixed Feed with Screenings from Winter<br>Wheat.....                             | G                 | 15.00          | 3.50          | 8.50 68.80  |
| 34-1-287.....                                                                          | F                 | 13.81          | 3.94          | 5.89 59.57  |
| <b>Stover Milling Co., Stover, Mo.</b>                                                 |                   |                |               |             |
| Just-Right Growing Mash 17 %.....                                                      | G                 | 17.00          | 4.00          | 6.00 53.00  |
| 34-7-225 <sup>4,5,12</sup> .....                                                       | F                 | 20.31          | 6.73          | 4.40 51.38  |
| Missouri Brand Laying Mash.....                                                        | G                 | 18.00          | 3.75          | 5.02 52.27  |
| 34-5-201 <sup>9,14</sup> .....                                                         | F                 | 19.94          | 5.17          | 4.57 52.02  |
| Total Wheat Gray Shorts.....                                                           | G                 | 14.00          | 3.50          | 6.00 55.00  |
| 34-5-202 <sup>4,5</sup> .....                                                          | F                 | 14.75          | 3.80          | 3.80 63.87  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| <b>Strickler's Feed Store, Cralg, Mo.</b>                                              |                   |                |               |         |                    |
| Strickler's Laying Mash.....                                                           | G                 | 20.00          | 3.50          | 7.50    | 44.00              |
| 34-5-151 <sup>7</sup> .....                                                            | F                 | 21.06          | 6.70          | 5.87    | 47.22              |
| The Missouri Formula All-Mash Chick Starter with<br>Meat Scraps and Cod Liver Oil..... | G                 | 14.50          | 3.00          | 5.00    | 50.00              |
| 34-5-152 <sup>7</sup> .....                                                            | F                 | 15.94          | 6.54          | 3.37    | 57.88              |
| <b>Success Mills, Inc., Kansas City, Kans.</b>                                         |                   |                |               |         |                    |
| Success Chick Mash.....                                                                | G                 | 18.00          | 6.00          | 5.50    | 51.00              |
| 34-3-243 <sup>7</sup> .....                                                            | F                 | 19.50          | 4.50          | 4.59    | 54.75              |
| <b>Summersville Milling Co., Summersville, Mo.</b>                                     |                   |                |               |         |                    |
| Wheat Mixed Feed with Wheat Screenings from<br>Winter Wheat.....                       | G                 | 16.00          | 3.50          | 8.50    | 52.00              |
| 34-2-240.....                                                                          | F                 | 15.88          | 4.19          | 6.80    | 56.54              |
| <b>Sumner Produce Co., Sumner, Mo.</b>                                                 |                   |                |               |         |                    |
| Donovan's Best All-Mash.....                                                           | G                 | 16.00          | 4.50          | 6.00    | 50.00              |
| 34-9-178.....                                                                          | F                 | 17.25          | 5.20          | 3.92    | 58.93              |
| Donovan's Best Laying Mash.....                                                        | G                 | 18.00          | 4.50          | 6.00    | 50.00              |
| 34-9-177.....                                                                          | F                 | 21.25          | 5.37          | 4.90    | 51.98              |
| <b>Superior Cake and Meal Co., Kansas City, Mo.</b>                                    |                   |                |               |         |                    |
| Superior Quality Cottonseed Cake.....                                                  | G                 | 43.00          | 6.00          | 12.00   | 23.00              |
| 34-3-266 <sup>3,10</sup> .....                                                         | F                 | 43.94          | 7.63          | 9.62    | 25.31              |
| Superior Quality Cottonseed Meal.....                                                  | G                 | 43.00          | 6.00          | 12.00   | 23.00              |
| 34-9-167 <sup>7,24</sup> .....                                                         | F                 | 41.69          | 9.91          | 11.59   | 23.14              |
| <b>Surbaugh and Smlth, Mountain View, Mo.</b>                                          |                   |                |               |         |                    |
| Ozark Laying Mash.....                                                                 | G                 | 21.00          | 4.50          | 6.50    | 51.00              |
| 34-2-244 <sup>7,8,9</sup> .....                                                        | F                 | 21.81          | 6.25          | 4.75    | 47.18              |
| <b>Jack Sutherland Flour and Feed Co., Mountain Grove, Mo.</b>                         |                   |                |               |         |                    |
| Egg Laying Mash.....                                                                   | G                 | 18.70          | 3.50          | 6.00    | 55.00              |
| 34-2-31 <sup>1,4,5,11</sup> .....                                                      | F                 | 20.56          | 6.31          | 5.92    | 49.98              |
| Jack's Dairy Feed.....                                                                 | G                 | 17.00          | 3.50          | 11.00   | 48.00              |
| 34-2-32 <sup>1,5</sup> .....                                                           | F                 | 17.56          | 6.39          | 8.10    | 52.99              |
| <b>Sweet Springs Flour Mills, Sweet Springs, Mo.</b>                                   |                   |                |               |         |                    |
| Big "S" Laying Mash.....                                                               | G                 | 18.00          | 3.50          | 7.50    | 48.00              |
| 34-7-137 <sup>5,23</sup> .....                                                         | F                 | 19.13          | 5.60          | 5.49    | 50.80              |
| <b>Swift and Co., Beatrice, Neb.</b>                                                   |                   |                |               |         |                    |
| Dried Buttermilk.....                                                                  | G                 | 30.00          | 5.50          | 0.00    | 40.00              |
| 34-6-40.....                                                                           | F                 | 31.94          | 5.60          | 0.00    | 44.11              |
| <b>Swift and Co., Chicago, Ill.</b>                                                    |                   |                |               |         |                    |
| Swift's Digester Tankage.....                                                          | G                 | 60.00          | 5.00          | 3.00    | 0.00               |
| 34-1-35 <sup>4,5,9</sup> .....                                                         | F                 | 64.63          | 9.19          | 1.56    | 1.03               |
| 34-2-10 <sup>4</sup> .....                                                             | F                 | 60.31          | 11.45         | 1.28    | 1.13               |
| 34-3-149 <sup>4</sup> .....                                                            | F                 | 61.75          | 9.79          | 1.50    | 1.02               |
| 34-3-181.....                                                                          | F                 | 60.50          | 12.96         | 2.43    | 2.22               |
| 34-9-89.....                                                                           | F                 | 60.56          | 12.89         | 2.11    | 2.91               |
| 34-11-65 <sup>4</sup> .....                                                            | F                 | 61.94          | 9.90          | 1.51    | 1.73               |
| 34-11-79.....                                                                          | F                 | 61.44          | 11.59         | 2.03    | 1.55               |
| 34-11-156 <sup>4</sup> .....                                                           | F                 | 62.75          | 10.73         | 1.72    | 2.91               |
| Swift's Dried Buttermilk.....                                                          | G                 | 30.00          | 5.50          | 0.00    | 40.00              |
| 34-8-209.....                                                                          | F                 | 34.13          | 6.21          | 0.00    | 37.85              |
| 34-11-82.....                                                                          | F                 | 39.44          | 7.59          | 0.00    | 31.62              |
| Swift's Egg Mash.....                                                                  | G                 | 20.00          | 4.00          | 7.00    | 50.00              |
| 34-11-138.....                                                                         | F                 | 20.81          | 6.10          | 5.72    | 46.07              |
| 34-12-70.....                                                                          | F                 | 21.06          | 6.06          | 4.99    | 45.11              |
| Swift's Meat and Bone Scraps.....                                                      | G                 | 50.00          | 6.00          | 3.00    | 0.00               |
| 34-1-14 <sup>4,5,6,9</sup> .....                                                       | F                 | 50.44          | 11.52         | 1.76    | 0.22               |
| 34-1-36 <sup>4,5</sup> .....                                                           | F                 | 53.66          | 11.49         | 1.89    | 0.00               |
| 34-2-9 <sup>4</sup> .....                                                              | F                 | 52.38          | 13.57         | 1.31    | 0.00               |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |       |       |       |    |
|----------------------------------------------------------------------------------------|--------------------------------|-------|-------|-------|----|
|                                                                                        | % Guaranteed (G) and Found (F) |       |       |       |    |
|                                                                                        | Protein                        | Fat   | Fiber | N. F. | E. |
| 34-7-44.....                                                                           | F 51.50                        | 13.08 | 1.50  | 0.00  |    |
| 34-7-81 <sup>4</sup> .....                                                             | F 52.69                        | 10.97 | 1.32  | 2.84  |    |
| 34-11-62 <sup>4</sup> .....                                                            | F 54.38                        | 12.23 | 1.19  | 0.00  |    |
| 34-11-80.....                                                                          | F 52.81                        | 13.10 | 1.59  | 0.00  |    |
| 34-11-155 <sup>4</sup> .....                                                           | F 52.38                        | 13.95 | 1.29  | 0.00  |    |
| 34-11-160.....                                                                         | F 52.00                        | 13.31 | 1.23  | 0.00  |    |
| 34-12-11 <sup>4</sup> .....                                                            | F 53.81                        | 12.25 | 1.72  | 0.00  |    |
| Swift's Poultry Bone Meal.....                                                         | G 25.00                        | 2.00  | 3.00  | 0.00  |    |
| 34-2-7 <sup>4</sup> .....                                                              | F 25.31                        | 4.75  | 0.59  | 50.97 |    |
| 34-11-164 <sup>4</sup> .....                                                           | F 26.63                        | 6.82  | 0.60  | 41.45 |    |
| 34-11-247 <sup>4</sup> .....                                                           | F 25.50                        | 3.33  | 0.82  | 52.42 |    |
| Swift's Special Bone Meal.....                                                         | G 5.00                         | 0.00  | 3.00  | 0.00  |    |
| 34-1-37 <sup>4,5</sup> .....                                                           | F 5.94                         | 3.04  | 2.14  | 4.15  |    |
| 34-6-98 <sup>6,9</sup> .....                                                           | F 13.19                        | 4.19  | 1.30  | 54.32 |    |
| 34-11-84.....                                                                          | F 12.81                        | 5.14  | 1.61  | 53.75 |    |
| <b>Swift and Co. (Oil Mill), Little Rock, Ark.</b>                                     |                                |       |       |       |    |
| 43 % Protein Cottonseed Meal.....                                                      | G 43.00                        | 6.00  | 12.00 | 23.00 |    |
| 34-8-96 <sup>23,27</sup> .....                                                         | F 43.88                        | 7.74  | 8.16  | 27.08 |    |
| <b>Tarkio Molasses Feed Co., Kansas City, Mo.</b>                                      |                                |       |       |       |    |
| Tarkio Molasses Feed.....                                                              | G 9.00                         | 2.00  | 7.00  | 56.00 |    |
| 34-8-163.....                                                                          | F 11.94                        | 2.05  | 5.64  | 57.59 |    |
| <b>Temple Cotton Oil Co., Little Rock, Ark.</b>                                        |                                |       |       |       |    |
| Quapaw Brand Cottonseed Cake.....                                                      | G 43.00                        | 6.00  | 12.00 | 23.00 |    |
| 34-3-22 <sup>1,4,5</sup> .....                                                         | F 43.88                        | 8.99  | 5.98  | 28.05 |    |
| Quapaw Brand Cottonseed Meal.....                                                      | G 43.00                        | 6.00  | 12.00 | 23.00 |    |
| 34-1-283 <sup>1,4,5</sup> .....                                                        | F 42.88                        | 7.05  | 9.31  | 27.10 |    |
| 34-7-102 <sup>4,5,23,24</sup> .....                                                    | F 42.38                        | 7.61  | 9.66  | 27.78 |    |
| 34-8-135 <sup>4,23</sup> .....                                                         | F 41.88                        | 7.06  | 10.42 | 27.80 |    |
| Quapaw Brand Cottonseed Meal—41 % Protein.....                                         | G 41.00                        | 6.00  | 12.00 | 25.00 |    |
| 34-7-220 <sup>4,23,24</sup> .....                                                      | F 43.75                        | 8.77  | 5.53  | 31.20 |    |
| 34-8-167 <sup>4,23</sup> .....                                                         | F 41.75                        | 6.79  | 11.34 | 27.07 |    |
| 34-8-200.....                                                                          | F 41.14                        | 6.72  | 10.72 | 30.62 |    |
| 34-10-21 <sup>4,23</sup> .....                                                         | F 41.06                        | 6.63  | 9.08  | 29.85 |    |
| <b>Hubert Teter, Excello, Mo.</b>                                                      |                                |       |       |       |    |
| Golden Glow All-Mash Chick Starter.....                                                | G 15.00                        | 3.50  | 5.00  | 55.00 |    |
| 34-2-163 <sup>1</sup> .....                                                            | F 15.06                        | 4.85  | 3.52  | 56.78 |    |
| Golden Glow Growing Mash.....                                                          | G 18.00                        | 3.50  | 5.50  | 45.00 |    |
| 34-9-44.....                                                                           | F 19.44                        | 5.71  | 4.91  | 51.43 |    |
| Golden Glow Laying Mash.....                                                           | G 20.00                        | 4.00  | 6.00  | 25.00 |    |
| 34-9-43.....                                                                           | F 21.94                        | 6.65  | 5.54  | 49.65 |    |
| <b>Three Minute Cereals Co., East St. Louis, Ill.</b>                                  |                                |       |       |       |    |
| Pawnee Rolled Oats.....                                                                | G 15.00                        | 5.00  | 1.90  | 66.10 |    |
| 34-3-192 <sup>4,5,6,9</sup> .....                                                      | F 15.63                        | 6.61  | 0.96  | 66.08 |    |
| 34-11-67 <sup>3</sup> .....                                                            | F 17.06                        | 6.56  | 1.00  | 64.03 |    |
| Red 3 Feeding Oatmeal.....                                                             | G 14.50                        | 5.00  | 3.70  | 60.00 |    |
| 34-3-87 <sup>6,9</sup> .....                                                           | F 17.63                        | 6.24  | 3.56  | 61.36 |    |
| 34-4-25.....                                                                           | F 17.56                        | 7.85  | 3.13  | 58.25 |    |
| 34-11-81 <sup>23</sup> .....                                                           | F 17.19                        | 6.23  | 3.18  | 61.58 |    |
| Red 3 Hy Grade Oat Feed.....                                                           | G 11.00                        | 3.50  | 19.00 | 50.00 |    |
| 34-5-62 <sup>4,5</sup> .....                                                           | F 13.31                        | 4.84  | 18.17 | 50.42 |    |
| 34-6-118 <sup>4,5,23</sup> .....                                                       | F 11.44                        | 3.57  | 19.71 | 51.19 |    |
| 34-7-153 <sup>4,5</sup> .....                                                          | F 11.09                        | 4.03  | 18.93 | 51.43 |    |
| <b>O. L. Thomas, Fair Play, Mo.</b>                                                    |                                |       |       |       |    |
| Thomas' Egg Mash.....                                                                  | G 18.00                        | 3.00  | 7.00  | 47.00 |    |
| 34-10-8.....                                                                           | F 20.44                        | 5.39  | 5.22  | 51.08 |    |
| <b>Tindle Milling Co., Springfield, Mo.</b>                                            |                                |       |       |       |    |
| Golden Rod Mixed Feed.....                                                             | G 14.00                        | 4.00  | 9.50  | 58.00 |    |
| 34-4-165 <sup>4,5</sup> .....                                                          | F 13.53                        | 6.35  | 7.23  | 56.50 |    |
| Hominy Feed.....                                                                       | G 11.00                        | 7.50  | 5.50  | 63.00 |    |
| 34-4-174 <sup>4,5</sup> .....                                                          | F 11.06                        | 8.09  | 5.50  | 61.02 |    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |         |       |       |          |
|----------------------------------------------------------------------------------------|--------------------------------|---------|-------|-------|----------|
|                                                                                        | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber | N. F. E. |
| Molasses Bran.....                                                                     | G                              | .....   | ..... | ..... | .....    |
| 34-4-238 <sup>1,2</sup> .....                                                          | F                              | 12.56   | 3.29  | 7.25  | 62.26    |
| Steel-Cut Yellow Baby Chick Chops.....                                                 | G                              | 9.50    | 3.50  | 2.00  | 72.00    |
| 34-4-175 <sup>4,5</sup> .....                                                          | F                              | 9.88    | 4.08  | 1.10  | 69.54    |
| Steel-Cut Yellow Poultry Chops.....                                                    | G                              | 9.50    | 4.00  | 2.50  | 71.00    |
| 34-4-164 <sup>4,5</sup> .....                                                          | F                              | 9.06    | 4.23  | 1.70  | 69.32    |
| 34-9-241 <sup>4,5</sup> .....                                                          | F                              | 9.75    | 4.16  | 1.44  | 72.90    |
| Tindle Special Baby Chick Scratch.....                                                 | G                              | 10.00   | 3.00  | 4.00  | 73.50    |
| 34-4-166.....                                                                          | F                              | 11.00   | 3.04  | 1.51  | 69.29    |
| Tindle Special 16 % Dairy Feed.....                                                    | G                              | 16.00   | 7.00  | 11.50 | 45.00    |
| 34-4-178.....                                                                          | F                              | 16.00   | 4.75  | 11.58 | 49.69    |
| Tindle Special Egg Mash.....                                                           | G                              | 18.00   | 64.00 | 8.00  | 50.50    |
| 34-1-247.....                                                                          | F                              | 20.81   | 5.46  | 6.75  | 47.73    |
| 34-7-238.....                                                                          | F                              | 18.44   | 6.27  | 7.30  | 50.23    |
| Tindle Special Horse and Mule Feed.....                                                | G                              | 9.00    | 2.00  | 14.00 | 40.00    |
| 34-4-180 <sup>8</sup> .....                                                            | F                              | 9.56    | 3.04  | 12.03 | 59.45    |
| Tindle Special Mixed Feed.....                                                         | G                              | 12.00   | 4.00  | 12.00 | 56.00    |
| 34-1-244 <sup>4,5</sup> .....                                                          | F                              | 12.13   | 4.48  | 12.84 | 55.18    |
| 34-7-239 <sup>4,5,8</sup> .....                                                        | F                              | 12.56   | 5.11  | 11.98 | 55.03    |
| Tindle Special Mixed Feed with Molasses.....                                           | G                              | 12.00   | 4.00  | 12.00 | 56.00    |
| 34-1-201.....                                                                          | F                              | 10.81   | 3.50  | 9.53  | 58.49    |
| 34-4-172 <sup>4,5</sup> .....                                                          | F                              | 10.53   | 4.00  | 8.83  | 58.93    |
| 34-9-240.....                                                                          | F                              | 10.27   | 4.47  | 9.64  | 58.09    |
| Tindle Special Scratch Feed.....                                                       | G                              | 10.00   | 3.00  | 5.00  | 44.00    |
| 34-4-169.....                                                                          | F                              | 11.56   | 3.83  | 2.09  | 67.86    |
| Tymo Alfalfa Molasses.....                                                             | G                              | 10.00   | 1.00  | 20.00 | 30.00    |
| 34-2-195 <sup>2</sup> .....                                                            | F                              | 10.94   | 2.77  | 13.57 | 54.31    |
| 34-4-245 <sup>4,5</sup> .....                                                          | F                              | 10.50   | 1.29  | 23.88 | 43.12    |
| Tymo Baby Chick Scratch.....                                                           | G                              | 10.00   | 3.00  | 4.00  | 73.50    |
| 34-2-259.....                                                                          | F                              | 10.44   | 3.68  | 1.28  | 70.75    |
| 34-4-167.....                                                                          | F                              | 11.38   | 3.10  | 2.07  | 68.58    |
| Tymo Calf Meal.....                                                                    | G                              | 23.00   | 3.00  | 6.00  | 48.00    |
| 34-4-177 <sup>4,5,8,9</sup> .....                                                      | F                              | 23.00   | 4.57  | 6.66  | 48.62    |
| Tymo Chick to Hen Starting and Growing Mash....                                        | G                              | 18.00   | 4.50  | 6.50  | 48.00    |
| 34-4-168 <sup>9</sup> .....                                                            | F                              | 21.19   | 4.84  | 5.11  | 52.76    |
| Tymo Egg Mash.....                                                                     | G                              | 20.00   | 7.00  | 9.00  | 45.00    |
| 34-4-170 <sup>8,9</sup> .....                                                          | F                              | 21.44   | 6.50  | 6.41  | 48.82    |
| Tymo Fattening Mash.....                                                               | G                              | 14.00   | 4.50  | 4.00  | 67.00    |
| 34-4-176 <sup>4,5,9</sup> .....                                                        | F                              | 14.19   | 4.54  | 2.95  | 64.21    |
| Tymo Horse and Mule Feed.....                                                          | G                              | 11.00   | 2.00  | 14.00 | 57.00    |
| 34-4-181.....                                                                          | F                              | 9.83    | 3.11  | 13.59 | 57.61    |
| Tymo Scratch Feed.....                                                                 | G                              | 10.00   | 3.00  | 5.00  | 57.00    |
| 34-4-179.....                                                                          | F                              | 11.50   | 3.66  | 2.46  | 68.00    |
| Yellow Corn Feed Meal.....                                                             | G                              | 9.50    | 4.00  | 2.50  | 71.00    |
| 34-2-91 <sup>4,5</sup> .....                                                           | F                              | 9.75    | 5.50  | 2.34  | 61.52    |
| 34-4-173 <sup>4,5,10</sup> .....                                                       | F                              | 10.13   | 6.26  | 2.72  | 64.48    |
| <b>Topeka Flour Mills Corp., Topeka, Kan.</b>                                          |                                |         |       |       |          |
| K-Y Gray Wheat Shorts with Ground Wheat Screenings.....                                | G                              | 16.00   | 3.50  | 6.00  | 55.00    |
| 34-3-15.....                                                                           | F                              | 18.44   | 6.04  | 5.18  | 49.63    |
| K-Y Wheat Bran with Ground Wheat Screenings not Exceeding 8 %.....                     | G                              | 14.50   | 3.50  | 11.00 | 47.00    |
| 34-1-168.....                                                                          | F                              | 16.50   | 4.23  | 9.66  | 51.02    |
| <b>Townsend Wholesale Grocery Co., Maryville, Mo.</b>                                  |                                |         |       |       |          |
| High Chief Hen Scratch.....                                                            | G                              | 10.00   | 2.50  | 4.00  | 56.00    |
| 34-10-218.....                                                                         | F                              | 10.13   | 3.95  | 2.97  | 70.78    |
| High Chief Laying Mash.....                                                            | G                              | 16.00   | 3.50  | 7.50  | 46.50    |
| 34-10-219.....                                                                         | F                              | 17.19   | 5.18  | 7.24  | 52.85    |
| <b>Transit Milling Co., Sherman, Texas.</b>                                            |                                |         |       |       |          |
| Tranco Brand 43 % Protein Cottonseed Meal.....                                         | G                              | 43.00   | 6.00  | 12.00 | 23.00    |
| 34-2-160.....                                                                          | F                              | 42.81   | 8.59  | 10.24 | 24.95    |
| 34-3-9.....                                                                            | F                              | 41.56   | 10.12 | 10.88 | 25.68    |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key        | Chemical Analyses              |         |      |                |
|-----------------------------------------------------------------------------------------------|--------------------------------|---------|------|----------------|
|                                                                                               | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N. F. E. |
| 34-5-41 <sup>24</sup> .....                                                                   | F                              | 41.53   | 9.22 | 11.15 24.57    |
| 34-9-159 <sup>24</sup> .....                                                                  | F                              | 45.25   | 7.25 | 9.90 23.87     |
| 34-10-212 <sup>24</sup> .....                                                                 | F                              | 42.31   | 7.39 | 10.61 25.98    |
| <b>Trenton Mills, Trenton, Mo.</b>                                                            |                                |         |      |                |
| Biddy Laying Mash.....                                                                        | G                              | 16.00   | 3.50 | 8.50 48.00     |
| 34-11-1 <sup>7,23</sup> .....                                                                 | F                              | 18.56   | 5.69 | 6.24 52.13     |
| Bossy Dairy Feed.....                                                                         | G                              | 16.00   | 3.50 | 12.00 45.00    |
| 34-10-226 <sup>7,23</sup> .....                                                               | F                              | 14.60   | 4.64 | 10.01 54.11    |
| Missouri Formula Laying Mash.....                                                             | G                              | 17.00   | 4.00 | 8.50 45.00     |
| 34-12-97 <sup>7,14,23</sup> .....                                                             | F                              | 20.13   | 5.69 | 5.85 49.80     |
| <b>Wiand Tunnell and Son, Rogersville, Mo.</b>                                                |                                |         |      |                |
| Ideal Laying Mash.....                                                                        | G                              | 18.00   | 5.00 | 8.00 47.00     |
| 34-6-29.....                                                                                  | F                              | 19.25   | 5.38 | 8.25 48.68     |
| 34-10-186 <sup>23</sup> .....                                                                 | F                              | 19.38   | 5.47 | 8.42 47.89     |
| Tunnell's Mixed Feed.....                                                                     | G                              | 14.75   | 3.50 | 10.00 55.00    |
| 34-6-28 <sup>4,5,6,8,9</sup> .....                                                            | F                              | 15.38   | 5.78 | 7.29 57.33     |
| 34-10-185 <sup>4,5,8</sup> .....                                                              | F                              | 16.06   | 4.87 | 9.89 53.39     |
| <b>Ultra-Life Laboratories, East St. Louis, Ill.</b>                                          |                                |         |      |                |
| Ultra-Life.....                                                                               | G                              | 19.50   | 4.50 | 4.50 35.00     |
| 34-1-45.....                                                                                  | F                              | 23.69   | 6.06 | 2.97 46.10     |
| 34-9-111 <sup>29</sup> .....                                                                  | F                              | 26.75   | 8.07 | 3.57 49.20     |
| 34-10-105 <sup>29</sup> .....                                                                 | F                              | 24.44   | 7.54 | 3.91 49.36     |
| 34-11-162.....                                                                                | F                              | 26.44   | 7.27 | 3.57 47.70     |
| 34-11-221.....                                                                                | F                              | 25.25   | 6.96 | 3.64 47.80     |
| <b>Union Flour Mills, Union, Mo.</b>                                                          |                                |         |      |                |
| Wheat Bran with Ground Wheat Screenings not<br>Exceeding Mill-run.....                        | G                              | 14.50   | 3.50 | 10.00 40.00    |
| 34-9-153 <sup>2</sup> .....                                                                   | F                              | 16.00   | 4.79 | 11.00 51.62    |
| 34-11-35.....                                                                                 | F                              | 14.88   | 4.63 | 10.75 52.28    |
| Wheat Gray Shorts with Ground Wheat Screenings<br>not Exceeding Mill-run.....                 | G                              | 15.00   | 3.50 | 5.50 51.50     |
| 34-9-154 <sup>2</sup> .....                                                                   | F                              | 16.31   | 4.74 | 5.28 59.45     |
| 34-11-34.....                                                                                 | F                              | 16.44   | 4.94 | 6.14 57.32     |
| <b>United Mills Co., Inc., Kansas City, Kan.</b>                                              |                                |         |      |                |
| U. M. C. Standard Wheat Middlings with Ground<br>Wheat Screenings not Exceeding Mill-run..... | G                              | 15.50   | 4.00 | 8.50 41.50     |
| 34-10-35 <sup>18</sup> .....                                                                  | F                              | 16.88   | 5.26 | 6.80 56.34     |
| U. M. C. Wheat Bran.....                                                                      | G                              | 14.50   | 3.75 | 10.00 40.00    |
| 34-10-36 <sup>9</sup> .....                                                                   | F                              | 16.00   | 4.47 | 10.89 51.55    |
| <b>Utterback Flour and Feed Co., Monroe City, Mo.</b>                                         |                                |         |      |                |
| Cracked Corn.....                                                                             | G                              | 9.00    | 3.50 | 3.50 67.00     |
| 34-4-215.....                                                                                 | F                              | 9.00    | 9.50 | 2.08 70.99     |
| Dairy Feed.....                                                                               | G                              | 15.00   | 4.00 | 12.00 51.00    |
| 34-4-214.....                                                                                 | F                              | 17.13   | 4.58 | 6.68 55.96     |
| <b>Valler &amp; Sples Milling Corp., St. Louis, Mo.</b>                                       |                                |         |      |                |
| Gray Wheat Shorts and Ground Wheat Screenings<br>not Exceeding Mill-run or 8 %.....           | G                              | 16.00   | 4.00 | 6.00 50.00     |
| 34-7-141 <sup>23</sup> .....                                                                  | F                              | 18.50   | 4.74 | 7.12 54.09     |
| 34-11-194 <sup>23</sup> .....                                                                 | F                              | 19.31   | 5.46 | 5.99 52.03     |
| 34-12-79 <sup>23,31</sup> .....                                                               | F                              | 18.06   | 5.52 | 5.84 55.32     |
| 34-12-141 <sup>23</sup> .....                                                                 | F                              | 17.63   | 2.82 | 6.84 55.61     |
| Valier's Mixed Feed and Ground Wheat Screenings<br>not Exceeding Mill-run or 8 %.....         | G                              | 15.50   | 3.50 | 8.50 45.00     |
| 34-11-175 <sup>14,23,31</sup> .....                                                           | F                              | 16.44   | 4.30 | 9.11 52.77     |
| Valier's Pure Wheat Bran.....                                                                 | G                              | 14.50   | 3.50 | 10.50 40.00    |
| 34-2-119 <sup>4,5</sup> .....                                                                 | F                              | 18.00   | 4.19 | 9.47 48.56     |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |          |
|----------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|----------|
|                                                                                        | Protein                                             | Fat  | Fiber | N. F. E. |
| <b>Vandalla Roller Mills, Vandalia, Mo.</b>                                            |                                                     |      |       |          |
| Missouri Formula All-Mash Chick Starter.....                                           | G 13.50                                             | 4.00 | 5.00  | 53.00    |
| 34-3-38 <sup>8</sup> .....                                                             | F 15.94                                             | 5.00 | 2.76  | 57.92    |
| Mountain Grove Egg Mash.....                                                           | G 20.00                                             | 4.00 | 12.00 | 47.00    |
| 34-3-37.....                                                                           | F 18.94                                             | 4.82 | 7.60  | 48.96    |
| 34-11-134.....                                                                         | F 20.25                                             | 5.31 | 8.87  | 49.67    |
| Screened Corn Chop.....                                                                | G 8.00                                              | 4.00 | 3.50  | 61.00    |
| 34-3-41.....                                                                           | F 9.00                                              | 3.95 | 1.65  | 71.43    |
| 34-11-133 <sup>10</sup> .....                                                          | F 9.56                                              | 4.00 | 1.91  | 72.90    |
| Soft Red Winter Wheat Bran with Ground Wheat<br>Screenings.....                        | G 14.00                                             | 3.00 | 10.00 | 47.00    |
| 34-11-135.....                                                                         | F 16.06                                             | 4.00 | 10.09 | 54.69    |
| Soft Red Winter Wheat Gray Shorts with Ground<br>Wheat Screenings.....                 | G 14.00                                             | 3.50 | 6.00  | 55.00    |
| 34-3-39.....                                                                           | F 15.81                                             | 4.30 | 2.63  | 61.24    |
| 34-11-136.....                                                                         | F 15.75                                             | 4.25 | 3.71  | 63.75    |
| Vandalia Special Mixed Cow Feed.....                                                   | G 17.80                                             | 5.10 | 7.60  | 52.30    |
| 34-3-40 <sup>8</sup> .....                                                             | F 18.00                                             | 5.35 | 6.54  | 52.94    |
| 34-11-137 <sup>8,15</sup> .....                                                        | F 15.06                                             | 5.10 | 10.04 | 55.69    |
| <b>Versailles Flour and Feed, Versailles, Mo.</b>                                      |                                                     |      |       |          |
| Vermilco Dairy Feed.....                                                               | G 13.00                                             | 2.50 | 15.00 | 45.00    |
| 34-9-162.....                                                                          | F 16.56                                             | 3.82 | 11.11 | 52.25    |
| Vermilco Laying Mash.....                                                              | G 16.50                                             | 3.75 | 7.20  | 52.00    |
| 34-9-161.....                                                                          | F 24.25                                             | 6.45 | 6.87  | 44.72    |
| <b>Vichy Roller Mill, Vichy, Mo.</b>                                                   |                                                     |      |       |          |
| Pure Soft Wheat Bran.....                                                              | G 14.50                                             | 3.50 | 11.00 | 47.00    |
| 34-1-124.....                                                                          | F 16.19                                             | 3.42 | 8.98  | 56.29    |
| 34-5-7.....                                                                            | F 15.75                                             | 3.74 | 7.92  | 56.42    |
| Pure Soft Wheat Gray Shorts.....                                                       | G 15.00                                             | 3.50 | 6.00  | 55.00    |
| 34-1-125.....                                                                          | F 16.00                                             | 3.83 | 4.21  | 63.08    |
| 34-5-6.....                                                                            | F 14.56                                             | 3.14 | 2.78  | 65.75    |
| <b>Victor Flour Mills, Anutt, Mo.</b>                                                  |                                                     |      |       |          |
| Wheat Mixed Feed.....                                                                  | G 16.00                                             | 3.50 | 8.50  | 52.00    |
| 34-5-15.....                                                                           | F 16.69                                             | 4.02 | 8.15  | 54.16    |
| <b>Vitamax Mills, St. Louis, Mo.</b>                                                   |                                                     |      |       |          |
| Max-Fat Steer Feed.....                                                                | G 12.00                                             | 2.00 | 10.00 | 52.00    |
| 34-12-110.....                                                                         | F 17.44                                             | 3.86 | 18.15 | 42.36    |
| Max-Lay Egg Mash.....                                                                  | G 18.00                                             | 3.50 | 10.00 | 40.00    |
| 34-12-111.....                                                                         | F 20.69                                             | 9.40 | 11.53 | 36.94    |
| Max-Milk Dairy Feed.....                                                               | G 20.00                                             | 3.00 | 12.00 | 40.00    |
| 34-12-114.....                                                                         | F 18.00                                             | 3.95 | 13.73 | 46.70    |
| Sugared Vitamalt Feed.....                                                             | G 15.00                                             | 2.50 | 16.00 | 48.00    |
| 34-5-63.....                                                                           | F 17.81                                             | 5.06 | 15.42 | 47.02    |
| 34-11-29.....                                                                          | F 18.50                                             | 3.16 | 16.00 | 49.01    |
| Vitamax All-Mash Growing Ration.....                                                   | G 15.00                                             | 4.00 | 7.00  | 52.00    |
| 34-12-113.....                                                                         | F 16.88                                             | 4.82 | 6.43  | 54.72    |
| Vitamax Egg Mash.....                                                                  | G 18.00                                             | 4.00 | 7.00  | 50.00    |
| 34-12-107.....                                                                         | F 19.94                                             | 5.53 | 5.44  | 48.54    |
| Vitamax Hog Feed Supplement.....                                                       | G 29.00                                             | 4.00 | 8.00  | 35.00    |
| 34-12-108 <sup>14</sup> .....                                                          | F 30.00                                             | 4.73 | 5.42  | 40.27    |
| Vitamax Pig Feed Supplement.....                                                       | G 23.00                                             | 4.00 | 8.00  | 45.00    |
| 34-12-112 <sup>14</sup> .....                                                          | F 23.50                                             | 4.96 | 5.28  | 48.76    |
| <b>Wm. Vueleman and Son, Syracuse, Mo.</b>                                             |                                                     |      |       |          |
| Vueleman's Chick Starter.....                                                          | G 13.50                                             | 4.25 | 4.50  | 59.74    |
| 34-6-36 <sup>12,25</sup> .....                                                         | F 14.50                                             | 5.43 | 5.65  | 58.21    |
| Vueleman's Dairy Feed.....                                                             | G 17.50                                             | 4.00 | 11.00 | 41.00    |
| 34-10-156 <sup>25</sup> .....                                                          | F 17.81                                             | 5.06 | 6.14  | 54.73    |
| <b>Waggoner-Gates Milling Co., Independence, Mo.</b>                                   |                                                     |      |       |          |
| Wheat Mixed Feed—Wheat Mill-run Bran.....                                              | G 14.00                                             | 3.00 | 8.50  | 50.00    |
| 34-1-211.....                                                                          | F 17.00                                             | 4.27 | 7.21  | 53.65    |
| 34-8-152 <sup>23</sup> .....                                                           | F 17.19                                             | 3.90 | 8.39  | 54.67    |
| 34-11-165 <sup>23</sup> .....                                                          | F 16.94                                             | 4.49 | 8.40  | 52.87    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| <b>Waldo Grain Co., Kansas City, Mo.</b>                                               |                   |                |               |         |                    |
| Waldo's Lucky Day Laying Mash with Buttermilk,<br>Cod Liver Oil and Yeast.....         | G                 | 18.00          | 5.00          | 6.50    | 45.00              |
| 34-7-235.....                                                                          | F                 | 19.38          | 7.62          | 6.80    | 48.25              |
| Waldo's Pure Chick Grains.....                                                         | G                 | 10.50          | 2.50          | 3.00    | 69.00              |
| 34-7-237.....                                                                          | F                 | 9.69           | 5.72          | 1.74    | 72.13              |
| Waldo's Pure Chick Starter with Buttermilk, Cod<br>Liver Oil, and Yeast.....           | G                 | 15.00          | 4.00          | 5.50    | 53.50              |
| 34-7-239.....                                                                          | F                 | 19.38          | 8.39          | 5.91    | 51.33              |
| Waldo's Pure Cow Feed.....                                                             | G                 | 16.50          | 3.00          | 7.50    | 54.00              |
| 34-7-241.....                                                                          | F                 | 17.75          | 4.74          | 7.84    | 54.46              |
| Waldo's Pure Growing Mash with Buttermilk, Cod<br>Liver Oil and Yeast.....             | G                 | 17.00          | 4.50          | 6.00    | 47.00              |
| 34-7-240.....                                                                          | F                 | 18.88          | 7.68          | 5.90    | 51.46              |
| Waldo's Pure Hen Scratch.....                                                          | G                 | 10.00          | 2.50          | 3.00    | 69.50              |
| 34-7-238.....                                                                          | F                 | 10.06          | 5.90          | 1.89    | 71.10              |
| Waldo's Pure Laying Mash, with Buttermilk, Cod<br>Liver Oil and Yeast.....             | G                 | 19.00          | 5.00          | 6.00    | 46.00              |
| 34-7-236.....                                                                          | F                 | 21.38          | 8.17          | 5.48    | 47.89              |
| <b>Wallace Bros. Packing Co., Joplin, Mo.</b>                                          |                   |                |               |         |                    |
| Wallace's Meat Cracklings.....                                                         | G                 | 40.10          | 28.00         | 3.75    | 7.90               |
| 34-8-169 <sup>7</sup> .....                                                            | F                 | 41.88          | 32.64         | 3.61    | 4.62               |
| <b>Ward's Dry Milk Co., St. Paul, Minn.</b>                                            |                   |                |               |         |                    |
| Ward's Pure Dried Buttermilk.....                                                      | G                 | 30.00          | 5.00          | 0.00    | 40.00              |
| 34-8-120 <sup>4</sup> .....                                                            | F                 | 32.06          | 5.80          | 0.00    | 44.75              |
| <b>Washington Flour Mills, Washington, Mo.</b>                                         |                   |                |               |         |                    |
| Gray Wheat Shorts with Wheat Screenings.....                                           | G                 | 16.40          | 4.00          | 5.50    | 50.00              |
| 34-2-4.....                                                                            | F                 | 16.94          | 4.78          | 5.75    | 56.92              |
| 34-2-62.....                                                                           | F                 | 15.67          | 4.25          | 5.81    | 57.66              |
| Wheat Bran and Wheat Screenings.....                                                   | G                 | 14.50          | 3.50          | 11.00   | 50.00              |
| 34-2-6.....                                                                            | F                 | 15.56          | 4.67          | 9.02    | 51.36              |
| 34-2-63.....                                                                           | F                 | 15.13          | 4.44          | 9.74    | 51.08              |
| <b>Weatherford Produce, Collins, Mo.</b>                                               |                   |                |               |         |                    |
| Weatherford's Laying Mash.....                                                         | G                 | 18.00          | 4.50          | 7.00    | 48.00              |
| 34-11-95 <sup>7,23</sup> .....                                                         | F                 | 20.88          | 6.10          | 4.65    | 49.69              |
| <b>Weaubleau Roller Mills, Weaubleau, Mo.</b>                                          |                   |                |               |         |                    |
| Mixed Feed.....                                                                        | G                 | 16.00          | 4.50          | 8.00    | 52.00              |
| 34-3-268 <sup>4,5,9,13</sup> .....                                                     | F                 | 15.88          | 4.05          | 6.71    | 57.12              |
| 34-9-163.....                                                                          | F                 | 16.50          | 2.94          | 7.78    | 57.93              |
| <b>Webb City Custom Mill, Webb City, Mo.</b>                                           |                   |                |               |         |                    |
| Hen Scratch Grain.....                                                                 | G                 | 9.50           | 3.00          | 4.00    | 63.00              |
| 34-8-173.....                                                                          | F                 | 11.13          | 4.52          | 2.31    | 72.85              |
| Hominy Feed.....                                                                       | G                 | 10.00          | 7.00          | 7.00    | 57.00              |
| 34-2-104 <sup>1,2</sup> .....                                                          | F                 | 10.56          | 6.61          | 4.76    | 59.68              |
| Special Dairy.....                                                                     | G                 | 12.00          | 3.40          | 15.00   | 56.00              |
| 34-8-172.....                                                                          | F                 | 12.06          | 5.16          | 7.09    | 64.24              |
| <b>Weber Flour Mill Co., Sallina, Kans.</b>                                            |                   |                |               |         |                    |
| Tea Table Wheat Bran and Ground Wheat Screenings<br>not over 8 %.....                  | G                 | 14.50          | 3.50          | 11.50   | 57.00              |
| 34-2-69 <sup>9</sup> .....                                                             | F                 | 17.56          | 4.56          | 9.49    | 50.07              |
| 34-3-14 <sup>9</sup> .....                                                             | F                 | 16.75          | 5.26          | 9.93    | 50.43              |
| 34-3-84 <sup>9</sup> .....                                                             | F                 | 16.81          | 4.29          | 10.04   | 50.92              |
| 34-12-15.....                                                                          | F                 | 16.13          | 4.66          | 10.26   | 51.90              |
| Tea Table Wheat Gray Shorts.....                                                       | G                 | 16.00          | 3.50          | 6.00    | 55.00              |
| 34-2-70.....                                                                           | F                 | 19.00          | 5.01          | 5.02    | 55.46              |
| 34-9-164 <sup>7,23</sup> .....                                                         | F                 | 19.13          | 4.89          | 6.47    | 54.08              |
| 34-9-245 <sup>7,23</sup> .....                                                         | F                 | 19.75          | 5.07          | 5.93    | 52.97              |
| 34-10-206 <sup>7,23</sup> .....                                                        | F                 | 19.88          | 5.19          | 6.80    | 52.61              |
| Tea Table Mill-run Wheat Feed and Ground Wheat<br>Screenings not to Exceed 8 %.....    | G                 | 16.00          | 3.50          | 8.50    | 52.00              |
| 34-2-258 <sup>6,9</sup> .....                                                          | F                 | 16.06          | 4.43          | 7.42    | 55.85              |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| <b>Welsh Packing Co., Springfield, Mo.</b>                                             |                   |                |               |         |                    |
| Nutro Brand Meat Scraps.....                                                           | G                 | 50.00          | 8.00          | 3.00    | 0.60               |
| 34-5-72 <sup>9</sup> .....                                                             | F                 | 47.56          | 8.67          | 0.87    | 1.45               |
| Nutro Brand Tankage for Hogs.....                                                      | G                 | 50.00          | 6.00          | 3.00    | 4.00               |
| 34-5-73.....                                                                           | F                 | 44.83          | 11.49         | 2.02    | 4.24               |
| <b>Wesco Foods Co., Cincinnati, Ohio</b>                                               |                   |                |               |         |                    |
| Wesco Scratch Feed.....                                                                | G                 | 9.50           | 2.50          | 5.00    | 60.00              |
| 34-10-54 <sup>9</sup> .....                                                            | F                 | 10.88          | 3.28          | 2.74    | 70.26              |
| <b>Western Grocery Co., St. Joseph, Mo.</b>                                            |                   |                |               |         |                    |
| Mayflower Chick Grain.....                                                             | G                 | 10.00          | 3.00          | 4.50    | 65.00              |
| 34-10-220.....                                                                         | F                 | 10.69          | 3.72          | 1.24    | 73.12              |
| Mayflower Hen Scratch.....                                                             | G                 | 9.00           | 3.00          | 4.50    | 62.00              |
| 34-10-222.....                                                                         | F                 | 10.38          | 3.21          | 1.84    | 73.92              |
| Mayflower Laying Mash.....                                                             | G                 | 18.00          | 3.50          | 8.00    | 45.00              |
| 34-10-221.....                                                                         | F                 | 20.25          | 5.82          | 7.33    | 49.88              |
| Mayflower Starting Mash.....                                                           | G                 | 15.00          | 4.00          | 6.00    | 57.00              |
| 34-10-223.....                                                                         | F                 | 15.63          | 5.32          | 6.06    | 56.29              |
| <b>The Western Star Milling Co., Salina, Kans.</b>                                     |                   |                |               |         |                    |
| Mill-run Wheat Feed and Wheat Screenings not over 8 % Screenings.....                  | G                 | 16.00          | 4.00          | 8.50    | 60.50              |
| 34-1-273 <sup>3,7,9</sup> .....                                                        | F                 | 15.85          | 4.46          | 7.05    | 55.71              |
| Wheat Bran and Wheat Screenings not over 8 % Screenings.....                           | G                 | 14.50          | 3.50          | 11.00   | 47.00              |
| 34-1-249 <sup>2</sup> .....                                                            | F                 | 15.25          | 4.19          | 9.26    | 53.45              |
| <b>Weston Milling Co., Weston, Mo.</b>                                                 |                   |                |               |         |                    |
| Sifted Cracked Corn.....                                                               | G                 | 9.00           | 3.50          | 3.50    | 65.00              |
| 34-9-32 <sup>7</sup> .....                                                             | F                 | 8.53           | 3.58          | 1.35    | 74.18              |
| Wheat Mixed Feed and Corn Bran.....                                                    | G                 | 9.00           | 3.50          | 14.00   | 58.00              |
| 34-9-31 <sup>7,9</sup> .....                                                           | F                 | 16.19          | 4.80          | 7.19    | 55.86              |
| <b>Westphalla Milling Co., Westphalla, Mo.</b>                                         |                   |                |               |         |                    |
| Pure Soft Wheat Bran.....                                                              | G                 | 16.00          | 3.50          | 10.50   | 53.50              |
| 34-2-216 <sup>10</sup> .....                                                           | F                 | 15.81          | 4.42          | 10.31   | 51.85              |
| 34-10-178 <sup>7</sup> .....                                                           | F                 | 17.19          | 4.12          | 9.56    | 51.26              |
| Wheat Gray Shorts.....                                                                 | G                 | 16.00          | 4.00          | 6.00    | 56.80              |
| 34-2-217 <sup>7</sup> .....                                                            | F                 | 16.06          | 4.32          | 4.76    | 59.52              |
| 34-10-179 <sup>7</sup> .....                                                           | F                 | 16.38          | 4.38          | 4.26    | 60.25              |
| <b>Wheatland Roller Mills, Wheatland, Mo.</b>                                          |                   |                |               |         |                    |
| Bandels Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill-run.....      | G                 | 16.00          | 3.50          | 8.50    | 52.00              |
| 34-3-267 <sup>1,2</sup> .....                                                          | F                 | 15.36          | 3.46          | 5.71    | 59.11              |
| <b>Wheaton Produce Co., Wheaton, Mo.</b>                                               |                   |                |               |         |                    |
| Wheaton's Best Starting Mash.....                                                      | G                 | 17.00          | 4.50          | 5.50    | 45.00              |
| 34-6-62.....                                                                           | F                 | 15.73          | 5.58          | 4.08    | 57.90              |
| <b>Whinery Milling Co., Caplinger Mills, Mo.</b>                                       |                   |                |               |         |                    |
| Whinery's Chick Mash.....                                                              | G                 | 17.00          | 4.00          | 6.00    | 50.00              |
| 34-9-235 <sup>23</sup> .....                                                           | F                 | 18.44          | 5.65          | 5.71    | 54.04              |
| Whinery's Egg Mash.....                                                                | G                 | 18.00          | 3.00          | 7.00    | 45.00              |
| 34-2-95.....                                                                           | F                 | 18.19          | 4.88          | 4.47    | 54.00              |
| 34-9-234 <sup>23</sup> .....                                                           | F                 | 17.35          | 4.84          | 4.27    | 55.30              |
| Whinery's Mixed Feed.....                                                              | G                 | 14.00          | 3.00          | 10.00   | 50.00              |
| 34-2-100.....                                                                          | F                 | 16.56          | 3.96          | 7.42    | 54.97              |
| 34-9-232 <sup>10,23</sup> .....                                                        | F                 | 16.69          | 5.00          | 7.62    | 56.22              |
| Whinery's Soft Wheat Gray Shorts with Scourings not Exceeding Mill-run.....            | G                 | 15.00          | 3.00          | 6.00    | 50.00              |
| 34-2-99 <sup>31</sup> .....                                                            | F                 | 16.21          | 3.76          | 7.19    | 55.06              |
| 34-9-233 <sup>23</sup> .....                                                           | F                 | 16.13          | 4.96          | 6.45    | 60.36              |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |          |       |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|----------|-------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) |          |       |
|                                                                                        | Protein           | Fat            | Fiber         | N. F. E. |       |
| <b>White Feed and Fuel Co., Moberly, Mo.</b>                                           |                   |                |               |          |       |
| White's Dairy Feed No. 2.....                                                          | G                 | 17.00          | 3.00          | 12.00    | 48.00 |
| 34-3-114.....                                                                          | F                 | 17.88          | 4.64          | 10.52    | 50.78 |
| White's Horse Feed.....                                                                | G                 | 8.50           | 2.00          | 10.50    | 59.00 |
| 34-3-113.....                                                                          | F                 | 10.38          | 4.74          | 8.32     | 60.84 |
| <b>White Water Flour Mills Co., White Water, Kans.</b>                                 |                   |                |               |          |       |
| Wheat Bran and Wheat Screenings not to Exceed 8 %<br>Screenings.....                   | G                 | 14.50          | 3.50          | 11.00    | 47.00 |
| 34-1-169 <sup>7,9</sup> .....                                                          | F                 | 16.13          | 3.76          | 8.90     | 52.17 |
| <b>Whitlock-Lines, Monett, Mo.</b>                                                     |                   |                |               |          |       |
| Corn Feed Meal.....                                                                    | G                 | 8.00           | 3.00          | 3.00     | 67.00 |
| 34-2-193 <sup>10</sup> .....                                                           | F                 | 8.56           | 4.96          | 2.16     | 67.83 |
| Laymore Egg Mash.....                                                                  | G                 | 18.00          | 4.00          | 7.00     | 45.00 |
| 34-2-191 <sup>10</sup> .....                                                           | F                 | 19.00          | 6.02          | 4.99     | 46.77 |
| Ozark Beauty Corn Chops.....                                                           | G                 | 9.00           | 3.50          | 3.00     | 65.00 |
| 34-2-194.....                                                                          | F                 | 9.50           | 4.57          | 1.84     | 68.30 |
| Ozark Beauty Hen Joy Scratch.....                                                      | G                 | 9.50           | 3.50          | 6.00     | 57.00 |
| 34-2-192.....                                                                          | F                 | 10.25          | 3.62          | 1.79     | 68.97 |
| Ozark Beauty Life Saver Starter and Developer.....                                     | G                 | 15.00          | 4.00          | 6.00     | 50.00 |
| 34-2-143.....                                                                          | F                 | 15.44          | 5.01          | 4.26     | 51.05 |
| Ozark Beauty Milkmore.....                                                             | G                 | 18.00          | 4.00          | 10.00    | 40.00 |
| 34-2-190 <sup>6</sup> .....                                                            | F                 | 19.06          | 5.51          | 7.47     | 47.48 |
| Ozark Dairy Feed.....                                                                  | G                 | 17.00          | 4.00          | 15.00    | 40.00 |
| 34-2-189 <sup>8</sup> .....                                                            | F                 | 21.13          | 5.38          | 7.70     | 43.98 |
| <b>Whitmer's Coal and Feed Co., Oregon, Mo.</b>                                        |                   |                |               |          |       |
| Whitmer's Four Aces Chick Starter.....                                                 | G                 | 16.00          | 3.75          | 5.00     | 52.00 |
| 34-5-142.....                                                                          | F                 | 17.44          | 4.88          | 3.22     | 56.80 |
| Whitmer's Four Aces Egg and Growing Mash.....                                          | G                 | 16.00          | 4.00          | 5.00     | 53.00 |
| 34-5-141.....                                                                          | F                 | 17.44          | 4.88          | 3.22     | 56.80 |
| <b>Wichita Flour Mills Co., Wichita, Kans.</b>                                         |                   |                |               |          |       |
| Wheat Bran and Screenings from Winter Wheat.....                                       | G                 | 14.50          | 3.50          | 11.00    | 45.00 |
| 34-2-76.....                                                                           | F                 | 18.25          | 3.81          | 8.48     | 50.72 |
| <b>Willard Flour and Feed Mill, Willard, Mo.</b>                                       |                   |                |               |          |       |
| Country Maid Wheat Bran and Wheat Screenings...<br>34-4-162 <sup>1,2</sup> .....       | G                 | 15.00          | 3.50          | 10.00    | 52.00 |
|                                                                                        | F                 | 15.81          | 9.34          | 8.90     | 49.95 |
| Country Maid Wheat Gray Shorts.....                                                    | G                 | 14.50          | 3.50          | 6.00     | 55.00 |
| 34-4-163 <sup>1,2</sup> .....                                                          | F                 | 16.44          | 4.42          | 4.72     | 59.67 |
| Word's Laying Mash.....                                                                | G                 | 17.00          | 3.50          | 7.00     | 45.00 |
| 34-4-161 <sup>1,7,8,9</sup> .....                                                      | F                 | 21.00          | 5.94          | 6.00     | 49.82 |
| <b>Williamsville Roller Mill Co., Williamsville, Mo.</b>                               |                   |                |               |          |       |
| Mixed Feed.....                                                                        | G                 | 14.00          | 2.58          | 7.96     | 55.00 |
| 34-11-69 <sup>14,31</sup> .....                                                        | F                 | 16.06          | 3.74          | 5.62     | 59.71 |
| <b>Willis-Norton Co., Wichita, Kans.</b>                                               |                   |                |               |          |       |
| Kansas Wheat Gray Shorts and Wheat Screenings<br>not to Exceed 8 %.....                | G                 | 16.00          | 3.50          | 5.50     | 55.00 |
| 34-2-42 <sup>9</sup> .....                                                             | F                 | 17.88          | 3.77          | 5.05     | 55.98 |
| Pure Wheat Bran.....                                                                   | G                 | 14.50          | 3.50          | 11.00    | 47.00 |
| 34-2-43.....                                                                           | F                 | 17.44          | 3.74          | 8.69     | 50.68 |
| <b>Willow Springs Commission Co., Willow Springs, Mo.</b>                              |                   |                |               |          |       |
| Willow Egg Mash.....                                                                   | G                 | 18.50          | 4.75          | 5.00     | 53.50 |
| 34-2-92 <sup>7</sup> .....                                                             | F                 | 18.69          | 5.91          | 5.23     | 52.03 |
| <b>Wilson and Co., Inc., Chicago, Ill., and Kansas City, Kans.</b>                     |                   |                |               |          |       |
| Red "W" Brand Digester Tankage.....                                                    | G                 | 60.00          | 6.00          | 3.00     | 2.00  |
| 34-2-135.....                                                                          | F                 | 61.94          | 8.47          | 1.19     | 1.18  |
| Red "W" Brand Dried Buttermilk.....                                                    | G                 | 31.00          | 5.50          | 0.05     | 35.00 |
| 34-8-166.....                                                                          | F                 | 34.69          | 5.84          | 0.00     | 39.29 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses |                |               |         |                    |
|----------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|--------------------|
|                                                                                        | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N. F. E. |
| Red "W" Brand Meat and Bone Scraps.....                                                | G                 | 50.00          | 6.00          | 3.00    | 2.00               |
| 34-8-168.....                                                                          | F                 | 51.63          | 12.85         | 1.48    | 0.00               |
| Red "W" Brand Special Prepared Steam Bone Meal..                                       | G                 | 5.00           | 1.00          | 2.00    | 2.00               |
| 34-8-161 <sup>4</sup> .....                                                            | F                 | 6.63           | 1.43          | 1.33    | 5.74               |
| <b>Wilson Flour Mills, Wilson, Kans.</b>                                               |                   |                |               |         |                    |
| Wheat Bran and Wheat Screenings (Wheat Screenings<br>not Exceeding 8 %).....           | G                 | 15.00          | 3.50          | 10.00   | 47.00              |
| 34-8-59 <sup>7</sup> .....                                                             | F                 | 17.50          | 5.22          | 10.42   | 49.82              |
| <b>C. F. Witter, Asbury, Mo.</b>                                                       |                   |                |               |         |                    |
| Screened Cracked Corn.....                                                             | G                 | 10.00          | 4.00          | 3.00    | 70.00              |
| 34-8-98 <sup>9,18,23</sup> .....                                                       | F                 | 9.56           | 5.36          | 1.84    | 71.78              |
| <b>Wolf Milling Co., Ellinwood, Kans.</b>                                              |                   |                |               |         |                    |
| Wheat Bran and Wheat Screenings (Screenings not to<br>Exceed 8 %).....                 | G                 | 14.50          | 3.50          | 11.00   | 47.00              |
| 34-1-259.....                                                                          | F                 | 18.00          | 4.38          | 9.34    | 48.79              |
| Wheat Gray Shorts and Wheat Screenings (Screenings<br>not to Exceed 8 %).....          | G                 | 16.00          | 3.50          | 6.00    | 55.00              |
| 34-1-258.....                                                                          | F                 | 18.56          | 4.62          | 5.69    | 55.01              |
| Wheat Mixed Feed and Wheat Screenings (Screenings<br>not to Exceed 8 %).....           | G                 | 16.00          | 3.50          | 8.50    | 52.00              |
| 34-1-257.....                                                                          | F                 | 17.25          | 4.57          | 7.88    | 52.54              |
| <b>Wolff Milling Co., New Haven, Mo.</b>                                               |                   |                |               |         |                    |
| Wheat Mixed Feed with Ground Wheat Screenings<br>not Exceeding Mill-run.....           | G                 | 15.50          | 3.25          | 10.00   | 55.00              |
| 34-5-199.....                                                                          | F                 | 16.19          | 5.00          | 7.70    | 53.24              |
| 34-9-157.....                                                                          | F                 | 16.63          | 4.71          | 8.52    | 53.28              |
| 34-10-172.....                                                                         | F                 | 16.25          | 4.46          | 7.79    | 54.01              |
| Winter Wheat Bran with Ground Wheat Screenings..                                       | G                 | 15.00          | 3.50          | 10.00   | 53.00              |
| 34-2-64.....                                                                           | F                 | 15.06          | 4.70          | 9.11    | 52.32              |
| 34-9-156.....                                                                          | F                 | 16.00          | 5.05          | 9.62    | 51.21              |
| 34-10-171.....                                                                         | F                 | 15.69          | 4.13          | 9.55    | 52.03              |
| Winter Wheat Middlings with Ground Wheat Screen-<br>ings.....                          | G                 | 16.50          | 3.50          | 6.00    | 55.00              |
| 34-2-65.....                                                                           | F                 | 16.56          | 4.91          | 5.38    | 56.10              |
| 34-9-155.....                                                                          | F                 | 17.19          | 5.05          | 6.16    | 56.06              |
| 34-10-173.....                                                                         | F                 | 16.63          | 4.78          | 6.51    | 55.88              |
| <b>L. C. Worth Commission Co., Kansas City, Mo.</b>                                    |                   |                |               |         |                    |
| Buckeye Greenfeed Alfalfa and Molasses Feed.....                                       | G                 | 9.00           | 1.00          | 24.00   | 43.00              |
| 34-3-89 <sup>7,8,9</sup> .....                                                         | F                 | 10.55          | 1.35          | 19.01   | 45.82              |
| Buckeye Scratch Grain.....                                                             | G                 | 10.00          | 3.00          | 4.00    | 63.00              |
| 34-3-51 <sup>8</sup> .....                                                             | F                 | 11.13          | 3.32          | 1.71    | 69.47              |
| Buckeye Station Fattener.....                                                          | G                 | 13.50          | 4.50          | 5.00    | 61.00              |
| 34-3-49 <sup>8,9</sup> .....                                                           | F                 | 14.94          | 4.35          | 5.03    | 60.76              |
| Greenback All-Mash Chick Ration.....                                                   | G                 | 17.00          | 4.50          | 6.00    | 56.00              |
| 34-7-68 <sup>12</sup> .....                                                            | F                 | 17.38          | 5.22          | 6.46    | 54.07              |
| Midwest Egg Producer.....                                                              | G                 | 19.00          | 5.00          | 7.00    | 49.00              |
| 34-3-48 <sup>8,9</sup> .....                                                           | F                 | 20.00          | 5.58          | 4.70    | 49.97              |
| 34-7-15.....                                                                           | F                 | 19.00          | 5.45          | 5.04    | 52.69              |
| Prime Quality Cotton Seed Cake.....                                                    | G                 | 43.00          | 5.00          | 12.00   | 23.00              |
| 34-3-53 <sup>3,7</sup> .....                                                           | F                 | 43.06          | 6.30          | 9.71    | 26.68              |
| L. C. Worth's Buckeye All-Mash Chick Ration.....                                       | G                 | 19.00          | 5.50          | 5.00    | 53.00              |
| 34-3-46 <sup>8</sup> .....                                                             | F                 | 20.25          | 5.82          | 3.38    | 51.39              |
| 34-7-29 <sup>12</sup> .....                                                            | F                 | 23.63          | 5.73          | 4.34    | 49.92              |
| L. C. Worth's Buckeye Baby Chick Mash with Butter-<br>milk and Cod Liver Oil.....      | G                 | 18.00          | 5.00          | 5.50    | 53.00              |
| 34-7-27 <sup>8,9</sup> .....                                                           | F                 | 19.81          | 5.23          | 4.92    | 54.94              |
| L. C. Worth's Buckeye Big Flo Dairy Feed.....                                          | G                 | 15.50          | 4.50          | 5.00    | 55.00              |
| 34-3-52.....                                                                           | F                 | 15.81          | 4.17          | 5.58    | 56.10              |
| 34-7-16.....                                                                           | F                 | 16.31          | 4.59          | 5.38    | 58.33              |
| L. C. Worth's Buckeye Chick Mash with Buttermilk<br>and Cod Liver Oil.....             | G                 | 18.00          | 5.00          | 5.50    | 53.00              |
| 34-3-45.....                                                                           | F                 | 20.00          | 5.67          | 4.09    | 50.10              |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figure—see Key | Chemical Analyses              |      |       |          |  |
|----------------------------------------------------------------------------------------|--------------------------------|------|-------|----------|--|
|                                                                                        | % Guaranteed (G) and Found (F) |      |       |          |  |
|                                                                                        | Protein                        | Fat  | Fiber | N. F. E. |  |
| L. C. Worth's Buckeye Growing Mash.....                                                | G 15.50                        | 5.00 | 6.50  | 57.00    |  |
| 34-7-17 <sup>8,9</sup> .....                                                           | F 17.06                        | 5.15 | 5.71  | 56.39    |  |
| L. C. Worth's Buckeye Laying Mash.....                                                 | G 19.60                        | 5.60 | 5.80  | 50.80    |  |
| 34-3-44.....                                                                           | F 20.00                        | 5.89 | 4.51  | 47.81    |  |
| 34-7-14.....                                                                           | F 20.25                        | 5.65 | 4.86  | 51.78    |  |
| L. C. Worth's Buckeye Turkey Mash.....                                                 | G 19.00                        | 5.50 | 5.00  | 53.00    |  |
| 34-7-28 <sup>8,12</sup> .....                                                          | F 22.31                        | 5.56 | 4.15  | 50.30    |  |
| Worth's Buckeye Chick Grains.....                                                      | G 10.00                        | 3.50 | 4.00  | 63.00    |  |
| 34-3-47.....                                                                           | F 11.50                        | 3.56 | 1.41  | 68.47    |  |
| Worth's Special Hen Scratch.....                                                       | G 10.00                        | 3.00 | 4.00  | 63.00    |  |
| 34-3-50.....                                                                           | F 10.88                        | 3.07 | 1.84  | 69.89    |  |
| <b>Worthy and Watkins, Greenfield, Mo.</b>                                             |                                |      |       |          |  |
| Corn Bran.....                                                                         | G 9.00                         | 5.00 | 10.00 | 60.00    |  |
| 34-5-134.....                                                                          | F 11.19                        | 7.30 | 6.87  | 62.06    |  |
| <b>Wulff Milling Corporation, New Melle, Mo.</b>                                       |                                |      |       |          |  |
| Red Wulff All-Mash Chick Starter.....                                                  | G 17.00                        | 4.00 | 5.00  | 49.00    |  |
| 34-5-101.....                                                                          | F 17.81                        | 6.04 | 3.70  | 53.89    |  |
| Red Wulff Dairy Feed.....                                                              | G 24.00                        | 3.00 | 10.00 | 42.00    |  |
| 34-5-99.....                                                                           | F 25.06                        | 4.39 | 8.12  | 46.15    |  |
| 34-10-45.....                                                                          | F 25.44                        | 3.01 | 9.06  | 47.01    |  |
| Red Wulff Developing Mash with Manamar.....                                            | G 18.00                        | 4.00 | 5.50  | 50.00    |  |
| 34-10-46.....                                                                          | F 19.94                        | 4.21 | 6.15  | 51.23    |  |
| Red Wulff Growing Mash.....                                                            | G 18.00                        | 4.00 | 7.00  | 49.00    |  |
| 34-5-96 <sup>8</sup> .....                                                             | F 19.00                        | 5.56 | 6.05  | 48.69    |  |
| Red Wulff Laying Mash.....                                                             | G 18.00                        | 4.00 | 6.00  | 48.00    |  |
| 34-5-97.....                                                                           | F 19.88                        | 6.16 | 5.24  | 49.42    |  |
| 34-10-44.....                                                                          | F 23.69                        | 5.05 | 5.75  | 48.37    |  |
| Red Wulff Scratch Feed.....                                                            | G 10.00                        | 2.75 | 3.00  | 68.00    |  |
| 34-5-98.....                                                                           | F 10.50                        | 3.84 | 2.09  | 70.20    |  |
| 34-10-43.....                                                                          | F 10.69                        | 3.03 | 2.22  | 72.45    |  |
| Red Wulff Starting Mash with Manamar.....                                              | G 18.00                        | 4.00 | 5.50  | 50.00    |  |
| 34-5-100.....                                                                          | F 20.13                        | 4.72 | 5.04  | 52.44    |  |
| Screened Cracked Corn.....                                                             | G 8.00                         | 3.65 | 1.70  | 70.50    |  |
| 34-5-102 <sup>4,5</sup> .....                                                          | F 9.56                         | 4.26 | 1.70  | 71.37    |  |
| 34-10-47 <sup>4,5,12</sup> .....                                                       | F 10.38                        | 4.88 | 1.53  | 72.00    |  |
| <b>S. R. Yantis Milling Co., Fulton, Mo.</b>                                           |                                |      |       |          |  |
| Crescent Big Chick Scratch.....                                                        | G 9.40                         | 3.00 | 3.50  | 68.00    |  |
| 34-1-175 <sup>8</sup> .....                                                            | F 10.31                        | 3.00 | 1.85  | 71.57    |  |
| 34-10-60.....                                                                          | F 10.44                        | 3.29 | 2.03  | 72.15    |  |
| Crescent Growing Mash.....                                                             | G 15.60                        | 4.20 | 9.15  | 52.00    |  |
| 34-1-177 <sup>12</sup> .....                                                           | F 16.56                        | 5.12 | 8.71  | 51.64    |  |
| 34-5-114 <sup>8</sup> .....                                                            | F 17.88                        | 5.24 | 3.53  | 56.35    |  |
| 34-10-55.....                                                                          | F 15.78                        | 4.46 | 9.20  | 53.10    |  |
| Crescent Hen Scratch.....                                                              | G 9.60                         | 3.40 | 2.80  | 70.70    |  |
| 34-1-176 <sup>8</sup> .....                                                            | F 10.38                        | 3.59 | 1.79  | 70.56    |  |
| 34-10-59.....                                                                          | F 10.94                        | 3.47 | 1.99  | 71.03    |  |
| Crescent Laying Mash.....                                                              | G 18.00                        | 4.25 | 7.75  | 51.50    |  |
| 34-1-178 <sup>12</sup> .....                                                           | F 19.13                        | 4.45 | 6.23  | 50.90    |  |
| 34-5-115 <sup>8</sup> .....                                                            | F 19.88                        | 4.92 | 7.06  | 50.21    |  |
| 34-10-56.....                                                                          | F 18.44                        | 4.62 | 6.68  | 52.13    |  |
| Crescent Starting Mash.....                                                            | G 18.50                        | 4.40 | 7.10  | 50.00    |  |
| 34-5-113 <sup>8</sup> .....                                                            | F 19.81                        | 5.24 | 7.85  | 49.92    |  |
| Pure Soft Winter Wheat Bran.....                                                       | G 14.50                        | 3.50 | 11.00 | 52.00    |  |
| 34-1-173.....                                                                          | F 16.00                        | 3.68 | 11.08 | 50.57    |  |
| 34-10-58.....                                                                          | F 14.88                        | 4.25 | 11.34 | 49.97    |  |
| Screened Steel-Cut Yellow Corn.....                                                    | G 9.40                         | 4.40 | 2.00  | 70.00    |  |
| 34-10-61.....                                                                          | F 9.75                         | 3.87 | 1.56  | 72.56    |  |
| Soft Winter Wheat Gray Shorts and Mill-run Ground<br>Wheat Screenings.....             | G 16.00                        | 3.50 | 6.00  | 60.00    |  |
| 34-1-174.....                                                                          | F 16.50                        | 4.14 | 4.93  | 58.62    |  |
| 34-10-57.....                                                                          | F 16.63                        | 4.18 | 5.01  | 58.47    |  |
| "Y" Dairy Feed.....                                                                    | G 14.00                        | 3.50 | 12.00 | 52.00    |  |
| 34-1-182 <sup>8</sup> .....                                                            | F 14.50                        | 4.37 | 11.91 | 51.11    |  |
| 34-10-62 <sup>8</sup> .....                                                            | F 14.19                        | 4.32 | 12.51 | 51.81    |  |

| Manufacturer and Address                                     |  | Chemical Analyses              |       |       |       |    |
|--------------------------------------------------------------|--|--------------------------------|-------|-------|-------|----|
| Brand Name, Laboratory Number                                |  | % Guaranteed (G) and Found (F) |       |       |       |    |
| "Superior" Figure—see Key                                    |  | Protein                        | Fat   | Fiber | N. F. | E. |
| <b>James Young, Paris, Mo.</b>                               |  |                                |       |       |       |    |
| Missouri Formula Chick Starting Mash with Cod Liver Oil..... |  | G 14.00                        | 3.00  | 5.00  | 53.00 |    |
| 34-4-218 <sup>7,8</sup> .....                                |  | F 16.19                        | 4.88  | 2.46  | 57.97 |    |
| Missouri Formula Egg Mash.....                               |  | G 20.00                        | 3.50  | 7.00  | 45.00 |    |
| 34-4-216 <sup>7,8</sup> .....                                |  | F 18.31                        | 0.85  | 3.98  | 59.16 |    |
| Missouri Formula Growing Mash.....                           |  | G 17.00                        | 3.50  | 6.00  | 44.00 |    |
| 34-4-217 <sup>7</sup> .....                                  |  | F 14.69                        | 4.92  | 4.28  | 58.22 |    |
| <b>Your Store and Ours (Rowland Ricketts), Fayette, Mo.</b>  |  |                                |       |       |       |    |
| Your and Our Dairy Feed.....                                 |  | G 14.00                        | 3.00  | 16.00 | 48.00 |    |
| 34-2-151 <sup>25</sup> .....                                 |  | F 15.06                        | 3.68  | 13.93 | 49.42 |    |
| 34-10-144 <sup>25</sup> .....                                |  | F 14.75                        | 5.00  | 14.14 | 50.42 |    |
| Your and Our Egg Mash.....                                   |  | G 17.00                        | 4.50  | 7.00  | 52.00 |    |
| 34-2-150.....                                                |  | F 15.88                        | 5.19  | 5.60  | 54.38 |    |
| 34-10-143 <sup>14,25</sup> .....                             |  | F 17.69                        | 6.44  | 6.58  | 49.66 |    |
| <b>Ziegenbalg and Co., St. Louis, Mo.</b>                    |  |                                |       |       |       |    |
| Black Gold Meat and Bone Scraps.....                         |  | G 50.00                        | 6.00  | 3.00  | 0.00  |    |
| 34-11-218.....                                               |  | F 50.72                        | 13.22 | 1.30  | 0.00  |    |
| 34-11-250.....                                               |  | F 47.94                        | 12.71 | 0.91  | 0.00  |    |









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# THE BULLETIN

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## *The* JAPANESE BEETLE

By  
J. C. BRESHEARS and J. CARL DAWSON



FIG. 1.—THE JAPANESE BEETLE  
(See Inside of Front Cover for Description.)



NATURAL  
SIZE

MISSOURI STATE DEPARTMENT OF AGRICULTURE

J. C. BRESHEARS, *Commissioner*

JEFFERSON CITY, MO.

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## THE JAPANESE BEETLE

(See cover page for illustration)

The smaller figure shows its natural size. The head and thorax are shining bronze-green in color, with the wing covers tan or brownish, tinged with green on the edges. Along the sides of the abdomen are white spots, made of tufts of white hairs, with two very distinct white spots at the tip of the abdomen, below the wing covers. If these white spots are present, the insect is the Japanese beetle.

# THE JAPANESE BEETLE

By J. C. Breshears and J. Carl Dawson.

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## INTRODUCTION.

In the summer of 1934 the Japanese beetle (*Popillia japonica*) was discovered to be infesting a limited acreage in the southern portion of the City of St. Louis. Since this beetle was not previously known to the Middle West, and the infestation was so far from the generally infested area, this came as a great surprise to regulatory officials and entomologists. Such a demand has been created for information concerning this destructive pest that the Missouri State Department of Agriculture is publishing this brief bulletin in a service effort to give more detailed and practical information to the people of Missouri regarding the life cycle and habits of this insect and the important agricultural problems involved. The engravings in this publication are presented through the courtesy of Secretary W. B. Duryee of the New Jersey State Department of Agriculture.

St. Louis is probably 900 miles from the heavily infested territory, (Fig. 2) which includes New Jersey, Connecticut, Rhode Island, Massachusetts and Delaware, and portions of New York, Pennsylvania, Virginia and West Virginia. In these old areas of infestation the beetle occurs in alarming numbers. Many thousands of them may be seen in flight and feeding upon plants on warm midsummer days, and hundreds of grubs may be found per square yard in heavily infested sod.

## HISTORICAL.

The Japanese beetle was first discovered in America by a New Jersey State Department of Agriculture nursery inspector, near River-ton, New Jersey, in the summer of 1916. The specimens collected at that time were sent to the Federal Bureau of Entomology, where they were found to be a species hitherto unknown to this country and native to Japan. During the summer of 1917, its destructive feeding became evident, and federal and state authorities co-operated in an effort to devise means to prevent its spread.

A spray barrier zone, placed around the infested area, failed to be effective. In 1918, the New Jersey Department of Agriculture promulgated the first Japanese beetle plant quarantine, in an effort to prevent its spread into uninfested territory by artificial means. The beetle has since gradually spread beyond the boundaries of New Jersey, largely by natural means (Fig. 2), and a Federal plant quarantine, under the United States Department of Agriculture Bureau of Entomology and Plant Quarantine, has been placed in effect. Much quarantine and suppression work is now being done by the Federal Bureau, in co-operation with the various states.

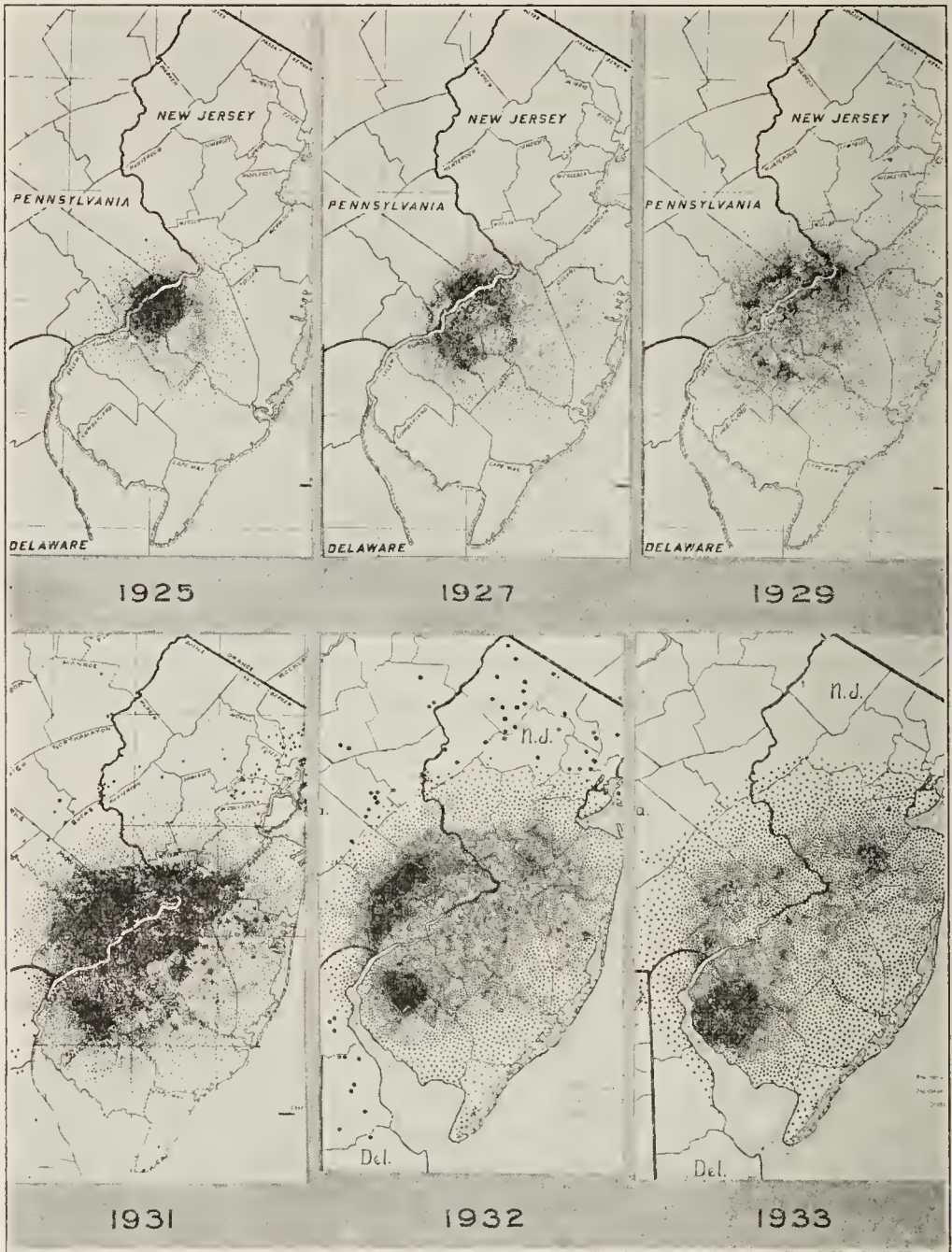


FIG. 2.—Density of the Japanese beetle infestation in the indicated years.  
(Courtesy Federal Japanese Beetle Laboratory)



## DESTRUCTIVE FEEDING HABITS.

## THE ADULT.

The adult Japanese beetle attacks a great many economic plants. Some of those that are most noticeably fed upon are listed as follows:

## FIELD CROPS.

|            |               |
|------------|---------------|
| Field Corn | Alfalfa       |
| Red Clover | Timothy       |
| Soy Bean   | Alsike Clover |

## FRUIT CROPS.

|            |           |
|------------|-----------|
| Apple      | Cherry    |
| Peach      | Plum      |
| Blackberry | Raspberry |
| Grape      |           |

## TRUCK CROPS.

|           |            |
|-----------|------------|
| Rhubarb   | Okra       |
| Beets     | Sweet Corn |
| Asparagus |            |

## SHADE TREES.

|                            |                 |
|----------------------------|-----------------|
| White Birch                | Linden          |
| Chestnut Oak               | Lombardy Poplar |
| Pin Oak                    | Willow          |
| Sycamore                   | Elm             |
| Norway Maple               | Horse Chestnut  |
| Japanese Maple             | Sassafras       |
| Ornamental Cherry and Plum |                 |

## ORNAMENTAL SHRUBS AND PLANTS.

|                  |                 |
|------------------|-----------------|
| Flowering Quince | Trumpet Creeper |
| Spirea           | Althea          |
| Hawthorn         | Hibiscus        |
| Privet           | Barberry        |
| Grape            | Rose            |
| Zinnia           | Aster           |
| Dahlia           | Geranium        |
| Canna            | Morning Glory   |
| Scarlet Sage     |                 |

In the United States Department of Agriculture Circular 363, "The Japanese Beetle," 193 different kinds of plants are listed as attacked.

The beetles damage plants by skeletonizing (eating between the veins) the leaves and feeding upon the flowers and fruit of certain plants. It is very fond of the silk and tassel of corn, and its chief damage to that plant is the prevention of proper pollination, which results in poorly filled-out ears (Fig. 3).

These insects may be found in clusters on the tips of developing ears, and the green silks may be eaten completely away. Instances have been noted where the grains were eaten for more than half the length of the cob.

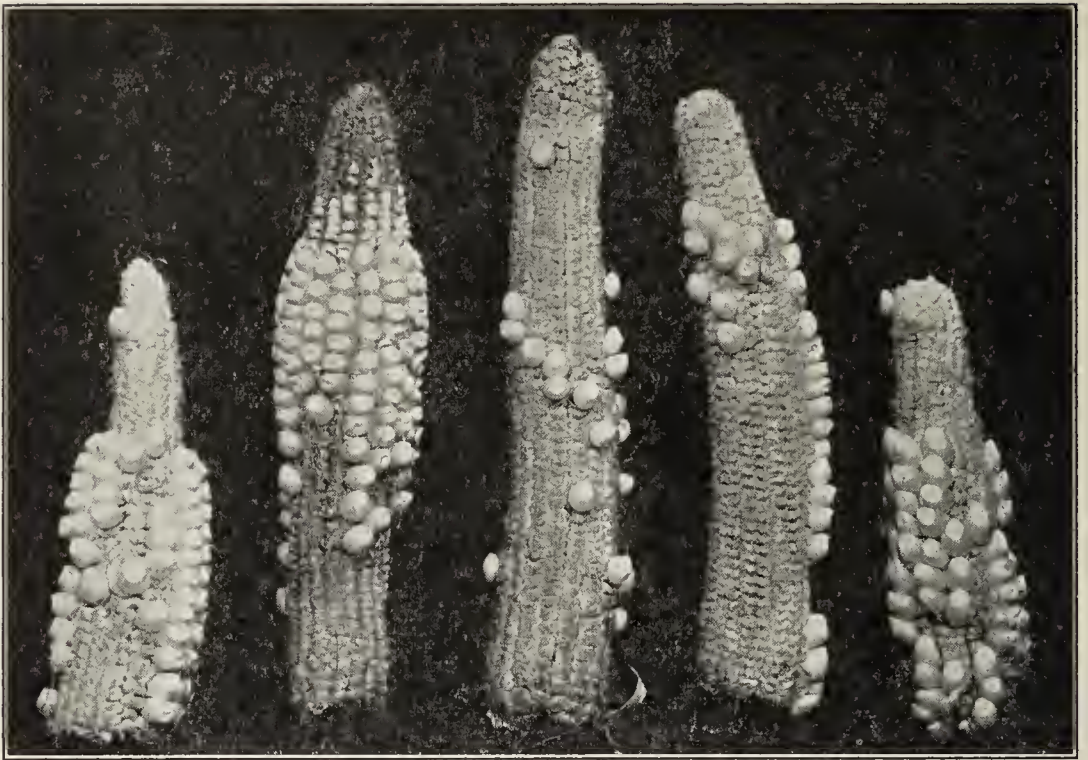


FIG. 3.—A harvest manifestation of corn silk destruction, before pollination, by Japanese beetles.

The Japanese beetle is very fond of ripening fruit. Early ripening varieties of apples and peaches suffer severely from this injury, and hundreds of beetles may be found upon a single fruit (Fig. 4). Other fruits, which ripen during the period when the adult beetles are most abundant (June, July and early August), are also attacked.



FIG. 4.—Japanese beetles clustering on apple fruit. Entire apple is being destroyed.  
(Courtesy Federal Japanese Beetle Laboratory.)

Injury to shade trees, ornamental shrubs and plants includes not only the skeletonizing of the leaves but also injury to flowers through the beetle's habit of feeding upon the petals. It is particularly destructive to the rose blooms. The skeletonizing of the leaves of shade trees in mid-summer destroys not only the vigor of the tree but is very detrimental to its beauty and appearance, and thereby impairs its ornamental usefulness. Trees severely attacked year after year may be killed.

#### THE GRUB.

The grub (larval) stage of the Japanese beetle is spent in the soil, where it feeds upon the roots of grasses, and is particularly destructive to bluegrass. In the areas of heavy infestation, bluegrass sod may be severely damaged, and, in some cases, completely killed. During the late summer and fall months these grubs may be found just under the sod, and, in severe infestation, several hundreds per square yard have been observed. In heavily infested districts, soil treatments are often essential to good lawns and golf greens.



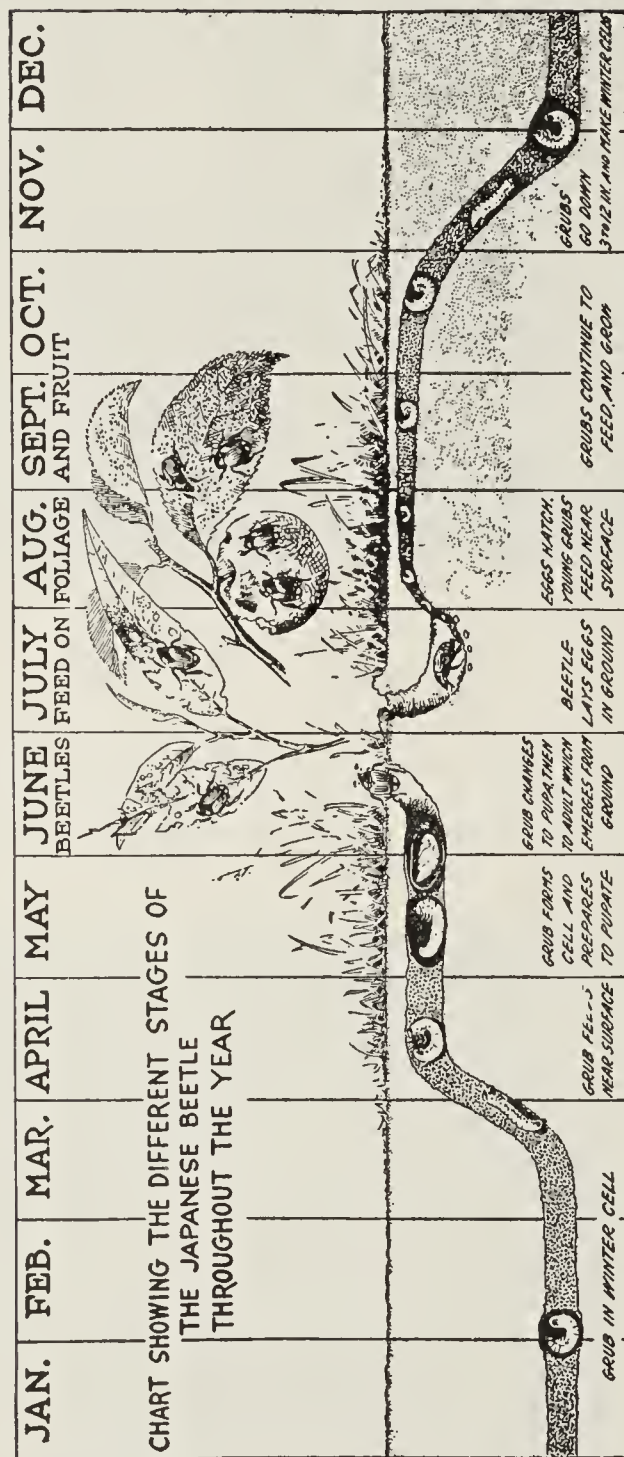


FIG. 5.—Diagrammatic presentation of the annual Japanese beetle life cycle.

(Courtesy Federal Japanese Beetle Laboratory)

## THE FOUR BEETLE STAGES.

## THE ADULT.

The Japanese beetle passes through one generation each year. In the infested area in New Jersey, the first adults appear about the middle of June. The work in St. Louis, during the past summer (1934), would indicate that the first adults emerged there about June 1st. The beetle is an insect of moderate size (from 5-16th to 7-16th inches in length), and is very conspicuously colored metallic green with copper-colored wings. (See Fig. 1, Front Cover Plate.) It is a rather strong and vigorous flier, and is capable of flying a considerable distance. If, however, food is plentiful, there is a tendency of the beetle not to fly long distances. Upon emerging, the beetle soon begins to feed upon whatever host plant may be nearby. Within a few days, the females begin to deposit eggs. These eggs are laid, one to three or four at a time, every few days. The insect enters the ground of a late afternoon and deposits the eggs during the night. The average life of the adult is about 45 days. Due to the fact that emergence takes place over a period of several weeks, however, the beetle is present for more than two months. The feeding period in New Jersey usually extends from June 25th to August 30th. Work in St. Louis indicates that it was about two weeks earlier there in 1934.

As the beetles near the decline of life they bury themselves in the ground and soon die and decay.

## THE EGG.

The egg of the Japanese beetle is elliptical in shape, about 1-16 inch in diameter, and varies from a translucent white to a light cream color. The average period of incubation is between 14 and 21 days. This period depends to a large extent upon soil temperatures and humidity conditions. It is not likely that many eggs hatch in dry soil. The female adult, however, tends to lay her eggs in soil which is favorable to their development.

## THE GRUB OR LARVA.

When the eggs hatch, a tiny grub (larva), about 1-16 inch long, emerges. This little grub soon begins to feed upon the organic matter in the soil. As it develops and grows larger, it begins to feed upon the living roots of grasses, which becomes its principal food by the time it is mature. During the summer months, this feeding occurs at a soil depth, varying from  $\frac{1}{2}$  inch to 3 inches. Most of them are mature by fall, and, with the coming of lower soil temperatures, they descend from 5 to 12 inches into the ground where the winter is spent. Freezing does not kill the grub. They have been dug out of frozen ground and warmed up, and found to be alive and active.

The full grown larva is about one inch long, and is similar to the common June beetle grub. (Fig. 12, back cover plate.) If food is plentiful, there is little lateral movement. At the most, this probably does not exceed more than two feet.

## THE PUPA.

In the spring, the full-grown larva prepares an earthen cell in which it pupates. The pupa (Fig. 6) is an inactive developing stage, in which the larva changes to the adult. It remains in this form from 8 to 20 days. When this stage is completed, the pupa shell splits, and the adult beetle emerges by gradually withdrawing its body and appendages. The newly developed adult is very soft and delicate, and remains in the earthen cell for several days before it comes to the surface.



FIG. 6.—Pupa—natural size and enlarged five times.

## NATURAL CONTROL.

## INSECT PARASITES.

Many species of insects native to this country, that are capable of doing great damage to agricultural crops, are kept under control by insect parasites which live upon them. Insects which are not destructive in foreign lands may be introduced to this continent and prove to be extremely destructive, due to the fact that there are no parasites in their new habitat to keep them under control. This is true of the Japanese beetle, which is not a pest of much importance in Japan yet is most destructive in this country. Early investigations pointed to the fact that there were no insect parasites of control value in America that were attacking the Japanese beetle.

Entomologists of the United States Department of Agriculture were sent to Japan, to determine the parasites of that country that attack it, and, if possible, to introduce some of them into this country. Many shipments of these parasites, including a number of different species, have been brought into the United States. Considerable difficulty was experienced in transporting them alive over this great distance and in acclimating them to the infested territory. Of all the parasites introduced, only two have shown any signs of promise.



These two are a Tiphia wasp (Figures 7-8-9) (*Tiphia popilliavora*) which attacks the grub in the ground and a tachinid fly (*Centeter cinerea*) which attacks the adult. Several colonies of both parasites have become established, but it does not as yet appear that they will be of much importance in this country. A number of birds and mammals feed upon the beetle, but they are of little value in reducing the population.

#### CLIMATOLOGICAL CONDITIONS.

Climatological conditions have not as yet been of much influence in checking the spread or damage of the Japanese beetle. The climate in the areas that are now infested seems to be exceedingly favorable for their development. Freezing and thawing have little or no effect on the grub. Soil infested with grubs may be flooded several weeks, without apparently injuring them. Under drouth conditions, the larvae shows a tendency to form cells and become less active until the ground again becomes moist. If, however, eggs are laid in dry soil, many of the young larvae are destroyed soon after they are hatched. It is hoped that the drier summer climate of Missouri may be instrumental in preventing the extreme destruction that this insect has wrought in the eastern states.

#### CONTROL METHODS.

##### POISON SPRAYS.

The fact that it is difficult to successfully control the Japanese beetle, by the use of poison spray materials, adds to the seriousness of the pest. Plants may be partly protected from injury by the use of arsenical sprays. These sprays act more as a repellent than as an actual poison. An arsenate of lead spray, thoroughly applied to a tree, will kill probably not more than 15 or 20 per cent of the beetles that attack it. The beetles are believed to be repelled through the toxic symptoms which they develop from a small dose of the poison, which is almost immediately effective, and that this repelling effect occurs before the insect has consumed a toxic dose. In many cases, a special application of arsenate of lead on orchard trees is required for the control of the Japanese beetle.

In heavily infested districts in the East, it is often necessary to apply such a spray to early ripening varieties of apples and peaches, to prevent serious injury to the fruit. This increases the arsenate residue problem. In these districts, special applications of arsenate of lead on shade trees, ornamental shrubs and small fruits are often required. These additional sprays increase the cost of production of fruits and the cost of maintaining ornamental plantings.

Much work has been done by the Federal Japanese Beetle Laboratory at Moorestown, New Jersey, toward the development of new and more effective spray materials which may be used for the control of this pest. Many materials have been tested, and it is hoped that some of them may eventually prove of value.



FIG. 7.—*Tiphia* parasite. Female.  
Enlarged three times.

FIG. 8.—Japanese beetle grub with  
egg (A) of *Tiphia* parasite  
attached. Enlarged five  
times.

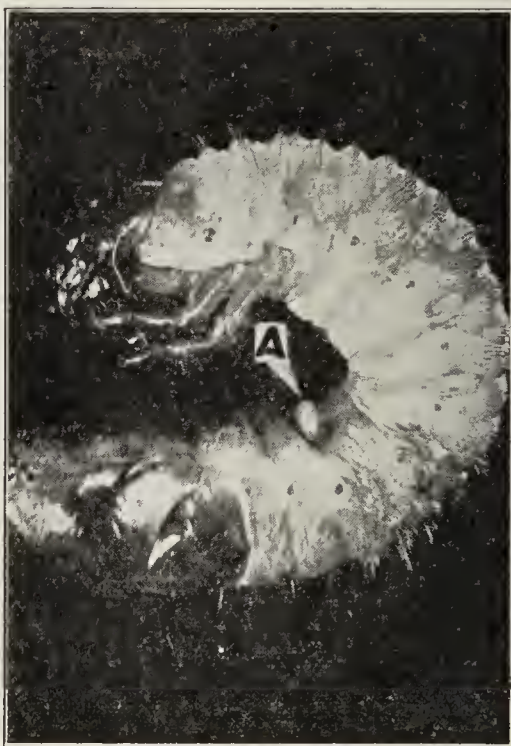


FIG. 9.—Japanese beetle grub with  
larva of *Tiphia* parasite attached  
and feeding. Parasite larva about  
one-third grown. Enlarged five  
times.

(Illustrations through courtesy of the  
Federal Japanese Beetle Laboratory)

## JAPANESE BEETLE TRAPS.

Many questions have been asked regarding the Japanese beetle traps used in St. Louis during the past summer. These traps were used primarily for the purpose of locating the infestation, although they were also valuable in reducing the beetle population in the infested area. It is possible to locate infestations in this manner when no beetles can be located by observation. Many of the female beetles caught by the traps had not completed egg laying, and in such cases the traps were valuable in reducing the 1935 infestation.

A Japanese beetle trap is illustrated in Fig. 10.

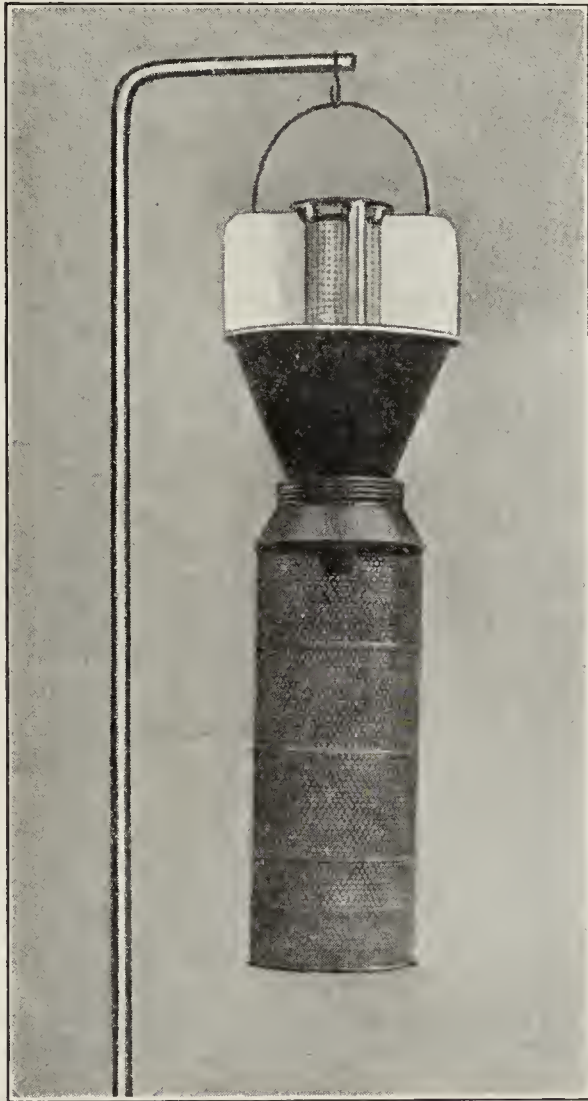


FIG. 10.—Japanese beetle trap.  
The beetle receptacle is of one-gallon capacity.

The trap was devised by the Federal Japanese Beetle Laboratory, and consists of a baffle, bait container, funnel and beetle container. The baffle is formed by two pieces of metal, fitted together at right angles. The bait container is in the center of the baffle, and consists of a perforated metal cylinder. The baffle and bait container are fitted into the funnel, which extends down into the beetle container. There are several



types of traps, all of which work on the same general principle. The bait used consists of a mixture containing geraniol and eugenol. This is a volatile liquid, which is placed in a small bottle with a cork containing a wick. This bottle thus assembled is contained in the bait container of the trap, and is sufficient to last the entire season, so that no rebaiting is necessary. The beetles are attracted by the bait, fly against the baffle, and drop down through the funnel into the beetle container, from which they are unable to escape. These traps have been found of value in heavily infested areas in the East, as a supplement to other control measures, when they are used over an entire community. They are believed to be capable of attracting beetles for as much as a half mile.

### LARVAL CONTROL METHODS.

The best methods of controlling the larvae in the soil and preventing injury to sod is through the use of arsenate of lead, applied to the soil. This is commonly known as "grub-proofing," and is effective in controlling native white grubs and many other insect larvae that live in the soil and feed on the roots of plants. This is a very effective means of preventing injury to sod by the Japanese beetle grub, and is used extensively in infested areas in the East.

Arsenate of lead, which conforms with the standard requirements for uses in agricultural sprays, is satisfactory for this treatment. "Grub-proofing" does not prevent the female beetle from laying her eggs in the soil, but it poisons and kills the young larvae after they hatch. The higher the concentration of poison in the soil, the quicker and more thorough is the kill. It is very important that the poison be distributed evenly, for good results.

The Japanese beetle grub feeds almost entirely in the top three inches of soil, so that the poison need not be distributed below this depth. This application may be applied at any time when the ground is not frozen, but is most effective on the current year's grubs, if applied before the eggs hatch (July 1). One of the advantages of this treatment is that it is effective for a number of years. Where lead arsenate has been applied, at the rate of 35 pounds to 1,000 square feet, it has been shown by test to be effective for more than ten years.

There are a number of methods of application, depending on conditions. The most effective treatment is applied to the seed-bed of a new lawn. It is recommended that it be applied in the spring, and that the ground be fallowed until fall. It may, however, be applied at any time. The ground should be prepared for seeding before the lead is applied. It is essential that the lead arsenate be mixed with screened sand or soil, to increase its bulk, so that it may be spread more evenly and will not be blown about by the wind. If a large area is to be covered, it is advisable to use a fertilizer spreader or similar machine that will apply the material evenly and quickly. If sufficient care is used, it may be spread by hand. After the material has been spread on the surface, the soil should be cultivated until it is distributed thoroughly in the upper three-inch layer. After this has been done, grass seed may be sown in the usual manner. Heavier applications may be applied in this way than by any other means. For this "grub-proofing process," it is recommended that 35 pounds of arsenate of lead may be applied to the top three inches of each 1,000 square feet of soil.

An established lawn may be "grub-proofed" by applying arsenate of lead to the surface, and allowing it to be leached in by rain. It is not possible, however, to make as heavy an application in this manner, due

to the possibility of the material burning the grass. An application of as little as 5 pounds to 1,000 square feet of turf, before the eggs are laid, has been found to prevent injury on lightly infested lawns. As much as 15 pounds per 1,000 square feet may be used on heavily infested lawns. The application may be made by either mixing the poison with a large bulk of dry sand or soil, or by mixing the arsenate of lead with water. This is largely a matter of choice, depending upon the material at hand. When water is used, it is advisable to apply it with a good power sprayer which is provided with an agitator that will prevent the material from settling in the tank. It may be applied at either one pound to two gallons of water or one pound to one gallon of water, depending upon the skill of the operator. The lower the concentration of poison, the easier it is to obtain even distribution. After this spray is applied, it is essential that the turf be well watered, to wash the material off the grass blades before it dries.

The foregoing soil treating methods are briefly given, in the hope of transmitting a clear understanding of the type of work that was performed as a suppressive measure in St. Louis during the past summer (1934). This treatment may be used effectively in preventing injury from other types of soil-feeding insects.

It must be remembered that arsenate of lead is poisonous, to man and animal, and should not be handled or mixed in a closed room where the air may become impregnated with the dust and thus inhaled. It may be handled with the bare hands, if there are no cuts or abrasions of the skin through which it can be absorbed into the system. The hands should be kept away from the mouth and thoroughly washed before meals.

Children should not be allowed to play on recently poisoned turf until after the lead arsenate has been removed from the foliage. This treatment is not recommended for pastures.

## JAPANESE BEETLE SUPPRESSION IN ST. LOUIS.

### TRAPPING PROGRAM.

On June 19, 1934, 800 Japanese beetle traps, furnished by the Federal Bureau of Entomology and Plant Quarantine, were placed in the southern section of St. Louis, where it had been reported that the Japanese beetle had been found. Several beetles were found on shrubbery, as the traps were being placed, and, within a few days, the traps were catching many of the insects. It was immediately decided that the supply of traps was inadequate, and an additional supply was forwarded, making a total of 2,600.

These traps were visited every two or three days by relief labor, under the supervision of federal and state officials. When an area had been trapped for two or three weeks, without results, the traps were taken up and moved into a new district that had not yet been trapped. In this manner, the entire municipality of St. Louis was covered and the infested area determined. (Fig. 11.) By August 25th the trapping work was discontinued, due to the fact that the adult beetle was no longer present.

A total of 1,351 beetles were collected, in an area of 1,239.2 acres. This is the only known infestation in this state, and is one of the largest isolated infestations ever discovered at a remote distance from the gen-



erally infested area, and is at a greater distance from the infested area than any other known infestation. The beetles do not as yet occur in sufficient numbers to cause serious damage, although their characteristic injury could be found on highly susceptible plants. It is not known how the infestation was started. The number of beetles trapped, and the size of the area, would indicate that it may have been of five or six years' standing when first discovered.

The infested area is characterized by well-kept and well-watered lawns. There are many roses, grapes and other favorite host plants growing throughout this district. These conditions are especially favorable for the development of the beetle. It is thought that these factors may have been instrumental in preventing the infestation from spreading into a still larger area. The infested district is almost entirely residential and there are few business establishments that would be likely to transport the beetle with their products.

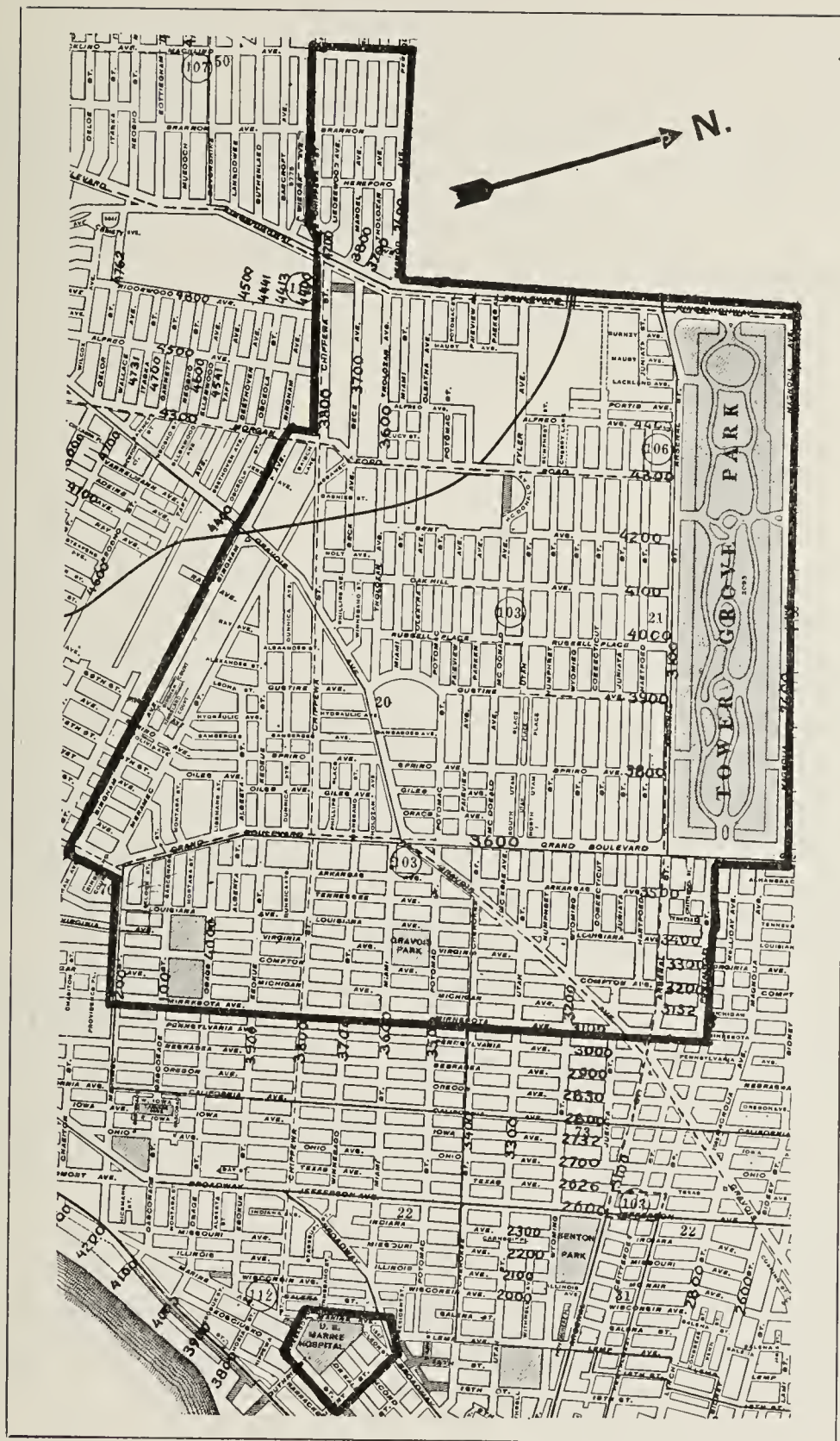
#### TREATING PROGRAM.

As soon as the beetle was officially discovered, it was felt that suppressive measures should be put into effect as soon as possible, due to the fact that this infestation was so far from the generally infested area and was capable of spreading throughout the agricultural states of the middle west. A co-operative project was organized by the Missouri Department of Agriculture with the Federal Bureau of Entomology and Plant Quarantine, the City of St. Louis, and the Missouri Relief and Reconstruction Commission. Under this project, approximately 220 tons of arsenate of lead was applied to all the exposed soil in the infested area, at the rate of 1,000 pounds of lead per acre. Special federal equipment was used for this work. The lead was mixed with water, at the rate of one pound per gallon, and was sprayed on the surface of the sod with special Worthley nozzles. Before this application had time to dry, it was followed up with an application of water under high pressure, to wash the poison off the foliage and down to the surface of the soil.

It is hoped, through this treatment, that it will be possible to poison the grubs and thereby greatly reduce the beetle population. It is believed, however, that it will not have much effect upon the grubs due to emerge as adults in the summer of 1935, since the application was made between September 21 and November 5, after these grubs were almost fully grown. It is necessary that the poison be leached into the ground before it becomes effective. It is, therefore, felt that, although this treatment may not be effective for the first season, it should be effective in killing the grubs which hatch from eggs laid in the summer of 1935. It is hoped that it will be possible to extensively trap the infested district in 1935, and to treat any additional infested area that may be discovered.

Similar treatments which have been applied to infested areas in other states have been successful in greatly reducing infestations. The St. Louis project is the largest of its kind ever attempted. This treatment is known to be effective for many years, and it is hoped through this work, in combination with a quarantine, to prevent or long defer the spread of the insect into agricultural areas of the middle west.





(FIG. 11.—Inner black lines surround Japanese beetle infested and quarantined areas in St. Louis.)

## QUARANTINES.

## STATE QUARANTINE.

For the purpose of preventing the spread of this dangerous pest from the infested area, by artificial means, it became necessary under the Missouri Plant Law to place into effect "Intrastate Quarantine No. 1—Japanese Beetle," which forbids the movement, except by special permit, of products likely to carry the larvae from the infested territory, (Fig. 11), into uninfested territory. The following is a copy of this quarantine:

## INTRASTATE QUARANTINE NO. 1. (OFFICIAL NOTICE).

## Quarantine and Regulations Pertaining to the Japanese Beetle.

I, J. C. Breshears, Commissioner of Agriculture, have determined that an infestation of the Japanese Beetle exists in a part of the city of St. Louis. Accordingly, under the authority of Senate Bill 42, pages 166 to 168, inclusive, Laws of Missouri, 1933, and Article 3, Chapter 87, R. S. Missouri, 1929, the following quarantine and regulations are issued to provide for the suppression or eradication of this infestation and to prevent its spread to uninfested parts of the State.

**Regulation 1. Infested areas.**—These regulations apply to two areas in the city of St. Louis bounded as follows:

(a) Beginning at the center of the intersection of Pestalozzi Street and Minnesota Avenue; thence westerly along Pestalozzi Street to the center of Grand Boulevard; thence northerly along Grand Boulevard to the center of Magnolia Avenue; thence westerly along Magnolia Avenue to the center of Kingshighway Boulevard; thence southerly along Kingshighway Boulevard to the center of Pernod Avenue; thence westerly along Pernod Avenue to the center of Macklind Avenue; thence southerly on Macklind Avenue to the center of Chippewa Street; thence easterly along Chippewa Street to the center of Morgan Ford Road; thence southerly along Morgan Ford Road to the center of Bingham Avenue; thence southeasterly along Bingham Avenue to the center of Grand Boulevard; thence northerly along Grand Boulevard to the center of Meramec Street; thence easterly along Meramec Street to the center of Minnesota Avenue; thence northerly along Minnesota Avenue to the point of beginning.

(b) Beginning at the center of the intersection of Marine Avenue and Winnebago Street; thence northerly along Marine Avenue to the center of Broadway; thence northeasterly along Broadway to the center of President Street; thence southeasterly along President Street to the center of Kosciusko Street; thence southwesterly along Kosciusko Street to the center of Winnebago Street; thence northwesterly along Winnebago Street to the point of beginning.

**Regulation 2.** No nursery, ornamental, or greenhouse stock, or other plants, plant roots, or sand soil, earth, peat, compost, or manure, shall be transported in any manner from the said infested areas to any point outside thereof either to or through any other part of the city of St. Louis, or of the State of Missouri, unless a special permit shall have been issued therefor by the Missouri State Department of Agriculture.

**Regulation 3.** Such permits will be issued only on condition that the articles to be transported have been freed from soil or any other material which could transport the Japanese beetle, or that such soil or other material has been sterilized or otherwise treated to eliminate said infestation.

**Regulation 4.** The plant officer of the State Department of Agriculture and deputies working under his direction are authorized to apply such treatments to plants or soil within the infested areas and to set up such beetle traps either inside or outside the infested areas as may in his judgment be necessary for the suppression of the Japanese beetle and for the determination of its distribution.

This quarantine and regulations shall be effective on and after October 15th, 1934.

Done at the city of Jefferson City, this 10th day of October, 1934.

Witness my hand. J. C. BRESHEARS,  
Commissioner of Agriculture.

(Penalty. As provided in Article 3, Section 12382, R. S. Mo., the violation of this Quarantine shall be deemed a misdemeanor and is punishable by a fine of not more than \$500.00 or imprisonment of not more than six months or by both such fine and imprisonment.)



Applications for inspections should be made to: "The Plant Officer, State Department of Agriculture, Jefferson City, Mo." Insect specimens found outside the quarantined area and suspected of being the Japanese Beetle should be killed and mailed to the same address. They may be killed by placing them in a bottle containing a sponge or blotter saturated with gasoline. In killing insects by this method, do not overlook the fire hazard. Do not mail living beetles or grubs.

#### FEDERAL QUARANTINE.

A Federal quarantine, covering the generally infested area of the East, is maintained in an effort to prevent the artificial spread of the Japanese Beetle into uninfested territory. This quarantine regulates the movement of certain fruits and vegetables and cut flowers, during the part of the year when the beetle is in flight, and regulates the movement of greenhouse stock, nursery stock, sand, soil, earth, peat, compost and manure during the entire year. Copies of this regulation may be obtained from the "United States Department of Agriculture, Bureau of Entomology and Plant Quarantine, Washington, D. C."

#### SUMMARY.

The Japanese beetle, an insect native to Japan, which has proven very destructive in certain infested states of the Eastern United States, was discovered in the summer of 1934 to be infesting a portion of the southern section of the City of St. Louis. It attacks many important economic crops, as well as ornamental trees and shrubs, and is destructive in both its adult and larval (grub) stages. In the latter stage, it feeds upon the roots of grasses, and is particularly destructive to bluegrass sod. There is one generation per year. The winter is passed in the larval stage, pupation takes place during May and June, and the first adults emerge in early June. The adult is present until the middle of August, during which time about 50 eggs are laid in the ground by each female. The eggs hatch in about two weeks, and many of the larvae mature before the last week in September.

Much work has been done by Federal officials toward the introduction of insect parasites from Japan and to determine native parasites that would attack it. These parasites have not as yet proven of much value, but it is hoped that they may eventually become of importance in controlling this destructive pest.

Spraying is not effective in killing the Japanese beetle, but is of value as a repellent and thereby reduces injury. In the heavily infested area, it is often necessary to make special applications of arsenate of lead, to protect the foliage of crops and plants attacked. Traps have been developed that will successfully catch the Japanese beetle. These traps are valuable in locating new infestations, and, when used over a large area, are valuable as a supplement to other control measures. Injury to sod may be prevented, through the application of arsenate of lead to the soil. This application may be made by either mixing the poison with sand or soil, and applying it dry or the lead may be mixed with water. This treatment is effective in controlling many soil-feeding insects, other than the Japanese beetle.

Through the use of 2,600 Japanese beetle traps, the entire city of St. Louis was trapped and a total of 1,351 beetles were collected in an area of 1239.2 acres. All the exposed ground in this infested area was treated with arsenate of lead, at the rate of 1,000 pounds per acre.



It is hoped that this treatment, followed up with a treating and trapping program in the summer of 1935, may greatly reduce the beetle population by the summer of 1936. This is the largest single area ever treated. Similar treatments in other areas have greatly reduced the infestation.

To prevent the spread of this pest from the infested area, by artificial means, it became necessary under the Missouri Plant Law to place into effect "Intrastate Quarantine No. 1—Japanese Beetle." This quarantine forbids the movement from the infested area of nursery, ornamental and greenhouse stock, other plants, plant roots, or sand, soil, earth, peat, compost, or manure, except under special permit.

A federal quarantine is maintained to prevent the artificial spread of the Japanese beetle from the generally infested territory of the Eastern states.

The St. Louis infestation represents a serious agricultural problem in Missouri.

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FIG. 12. —The Japanese beetle grub—average size and enlarged.



ture, J. C. Breshears, Commissioner, Jefferson 13, 1917, under Act of Congress of June 13, 1917, authorized July 2, 1917.

Number 1

12602. Def--

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**Sec. 12612. Seed Testing.** — (Condensed): Without quoting this section, it is explained that any person, firm or company wanting agricultural seed tested will mail proper sized sample to the "Seed Testing Laboratory, Columbia, Missouri."

Section 12602 gives the classes of seed recognized in the seed law, to wit: Canada bluegrass, Kentucky bluegrass, brome grass, fescues, millets, tall meadow oat grass, orchard grass, reedtop, Italian rye grass, kafir corn, and other grain and sweet sorghums, perennial rye grass, sudan grass, timothy, alfalfa, alsike clover, crimson clover, red clovers, sweet clover, white clover, Canada field peas, cowpeas, soybeans, vetches, and all other grasses and forage plants, buckwheat, flax, rape, barley, field corn, broomcorn, oats, rye, wheat, and a

Farmers and seed dealers are cautioned to avoid the purchase of seed fully (legally) labeled and not to buy from unknown or irresponsible parties who sell seed for sale in Missouri.

Comm  
purity, percent  
noxious weed seeds, per  
tion and date when tested, name  
of vendor, and name of state where grown

One pint: Corn, wheat, rye, barley, cowpeas, soybeans, and the larger seeds generally similar size.

**Sec. 12615. Violation a misdemeanor.**—Any person or firm who shall violate any provision of sections 12613 and 12614 shall be deemed guilty of a misdemeanor, and conviction thereof shall be punished as





# THE BULLETIN

Jefferson City, Missouri

THE BULLETIN is published monthly by the Missouri State Department of Agriculture, J. C. Breshears, Commissioner, Jefferson City, Missouri. Entered as second-class matter at Jefferson City (Mo.) postoffice, October 13, 1917, under Act of Congress of June 6, 1908. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized July 2, 1918.

Volume 33.

MAY, 1935.

Number 1.

(Release upon receipt, dateless.)

## BUYING ONLY GOOD CREAM.

Federal and State Departments of Agriculture Bar "Illegal" Cream.

The United States and Missouri State Departments of Agriculture, in co-operation, are passing the word along to all creameries, manufacturers and producers that "illegal" cream, called No. 3 cream or butterfat, shall not be bought and sold.

"Illegal" cream is unfit for human food, and the U. S. D. A. (through its food and inspection service) is making a nationwide campaign against it, and the State Department of Agriculture has joined in the movement, in-so-far as state law permits, according to Commissioner J. C. Breshears.

Federal inspectors are working in Missouri, with state department inspectors, and such cream has been condemned as unfit for human food. Federal men deal with the interstate shipments, and the state inspectors accompanying them condemn intrastate "illegal" cream.

Commissioner Breshears authorizes The (name of newspaper) to give this friendly warning to creameries, manufacturers and producers, lest by carelessness they become losers through having "illegal" cream in their possession.

(Release upon receipt—first announcement.)

## WILL GATHER FARM CENSUS.

(Local announcement form.)

## WILL TAKE FARM CENSUS.

The (name of newspaper) today announces that the farm census for 1935 crop acreages will be gathered this year by County Assessor and his deputies, beginning June 1st, under state law, by the State Department of Agriculture, in co-operation with the U. S. Department of Agriculture. This does not duplicate the federal census, which was recently taken, dealing with 1934 crop acreages and other questions.

((If published in a "township organization" county, the editor will give name and title of local township assessor and add the words "and our other township assessors."))

(Early summer dateless release.)

## CALL FOR NURSERY INSPECTION.

Nurserymen of Missouri Under Regulations Will Apply by July 1.

Under plant law regulation No. 13 of the Missouri State Department of Agriculture, persons and firms in the nursery business, or going into the business, are requested to notify the Department at Jefferson City on or before July 1st of desire for inspection, giving the following information:

"(a) The location of his nursery with reference to a town, the number of acres of growing stock, (c) the distance between blocks of growing stock when there are such blocks of stock located a mile or more from home nursery, and (d) such other information as in his judgment the Plant Officer may need to estimate the time required for inspection and in planning nursery inspection tours."

Regulation No. 13 further provides as follows: "For failure to send such notice to the Plant Officer, on or before the first of July, the nurseryman shall be liable for the full cost of all traveling expenses incurred by the Plant Officer, or his deputies, in inspecting the nursery, together with the regular fees therefor as provided in Rule 14."

(Early summer copy, any issue.)

## NURSERY INSPECTION FEES.

Missouri State Department of Agriculture Announces Schedule.

Under regulation No. 14, the Missouri State Department of Agriculture announces the 1935 nursery inspection schedule, for the protection of both nurseryman and customer against insect pests and plant diseases, as follows:

"For the annual inspection of a nursery of one acre or less.... \$8.00  
"For each additional acre or part thereof..... 1.00  
"For a re-inspection or a special inspection as provided in regulations No. 11 and No. 12, a fee of not less than \$5.00 shall be charged.  
"The following regular fees shall be charged and assessed for the inspection of strawberry plants.  
"For the annual inspection of one acre or less..... \$5.00  
"For each additional acre or part thereof..... 1.00  
"A special strawberry inspection certificate shall be issued to cover strawberry inspections, under the same regulations for inspection and certification of other types of nursery stock."

(Release upon receipt, any edition.)

## SEED LABELING STRICTER.

Both the Federal and State Administrations Scanning Tagglings.

That both the federal and the state seed laws administrations are getting more and more strict is shown by hearings and current

culture, through Commissioner J. C. Breshears and his force, is doing checking and inspection work, for the protection of the farmer as well as in justice of the wholesaler and retailer dealing in correctly labeled seeds.

The U. S. and State Departments of Agriculture are working together in Missouri, for better seed labeling. Both the state and federal laws will be invoked. During the spring-time, both state and federal complaints have been dealt with, including hearings on mislabeling held at Jefferson City.

(Any May edition release.)

## EGG LICENSE SCHEDULE.

The egg license schedule, under the Missouri egg law, is as follows:

Due May 26th: Dealers (less than carlots), \$2.00; dealers in carlots, \$10.00.

Due January 1st: Egg breaking establishments, \$50.00.

All persons, firms and corporations trafficking in eggs are by law required to obtain a license, without waiting for an inspector to call.

(Dateless everybody item.)

## CUTTING UP A HOG CARCASS.

The following is a recognized table of percentages of how an average hog carcass cuts up on the butcher's block: Loin (chops), 14 %; shoulder (butt off), 9 %; butts, 7 %; spareribs, 2 %; ham, 21 %; bacon, 15 %; lard, 12 %; neck, bone, feet, etc., 4 %; trimmings, 13 %; waste, 3 %; total, 100 %.

(May copy, all counties, any week.)

## EGG LICENSE EXPIRES, MAY 26.

Every egg license in Missouri expires on May 26th, no matter when issued. License is \$2.00, with carlot license at \$10.00. Dealers in eggs remit by mail direct to Commissioner J. C. Breshears, State Department of Agriculture, Jefferson City, Mo.

(Release upon receipt, dateless.)

## MISSOURI TO BE TB-FREE.

By or Before July 1st State Will be Fully Accredited Area.

The dream of all progressive veterinarians and cattle owners of Missouri will have been realized by or before July 1st, when the last county north of the river shall have been tested and certified to the United States Department of Agriculture at Washington City for accreditation for freedom from bovine tuberculosis.

The most important chapter in control of livestock diseases in Missouri to date will be completed, when the last herd of cattle in the last county shall have been tested, making Missouri a TB-free area!

All counties south of the Missouri river are accredited. Approved May 1st, the following counties are TB-accredited:

Boone, Clark, Callaway, Caldwell, Daviess, Holt, Howard, Mercer.

Scotland county has been finished, but not yet approved at Washington, and Audrain, Knox, Randolph and Sullivan counties are completed but not yet certified.

The final group of counties—Adair, Chariton, Linn, Macon and Putnam—either have veterinarians now testing or within a few days will be at work, completing the state, in the interest of human and animal health of Missouri.

(Dateless farm copy.)

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and prod-

"Any farm owner in this State may, upon the payment of one dollar to the Clerk of the County Court in the county in which said farm owner may reside, have the name of his farm duly recorded on a register which the County Clerk shall keep for said purpose, and shall be furnished a certificate, issued under seal, and setting forth the name and location of the farm and the name of the owner; Provided, that when any name shall have been recorded as the name of any farm, such name shall not be recorded as the name of any other farm in the same county, excepting by prefixing or adding designating words thereto."

(Dateless column filler.)

## WHAT ARE "NOXIOUS" WEEDS?

There are many different answers as to what are "noxious" weeds, based upon the experiences and opinions of people—but in Missouri the "legally noxious" weeds (according to Section 12603 of the seed law) are as follows:

"Quack grass, the doddars, Russian thistle, wild carrot, the sorrels, the docks, buckhorn and other varieties of plantain, and wild onion."

Canada thistle is forbidden.

(Release dateless in all counties.)

## LICENSING ALL CREAM STATIONS.

Under the Missouri dairy law, the State Department of Agriculture licenses all milk and cream stations handling milk, cream or butterfat on a test basis. The fee is \$2 per year, all licenses expiring July 31st. It is illegal to buy milk or cream on test without a license.







Jefferson City, Missouri

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Volume 33.

JUNE, 1935.

Number 2.

(Release immediately.)

EGG BUYING "LOSS OFF."

Missouri Law Requires that Eggs be Bought Canded and "Loss Off."

The Missouri egg trade and the producers, as well as the consumers, are more and more recognizing the value of the egg law that licenses all buyers and sellers of eggs.

Article 4, chapter 93, Revised Statutes of 1929, has gradually yet surely helped the egg business of Missouri. It was a pioneering law, conservatively yet surely beneficial to the industry.

The law provides that eggs be candled and bought "loss off," the only fair way. Insofar as the dealers obey the law, both the wholesalers and retailers are getting a square deal, along with the producer.

The annual egg licenses all expired May 26th, no matter when paid for. It is illegal to buy or sell eggs without a license.

The State Department of Agriculture is now issuing egg licenses, under the administration of Commissioner J. C. Breshears.

(Next-issue copy.)

UNSANITARY CREAM CONTAINERS.

While the Missouri State Department of Agriculture is enforcing stricter regulations on the cream buying stations, it is also warning the cream producers that they must not

agriculture are enforcing the law against illegal and unsanitary cream and butter, and they are dealing without fear or favor with producer, cream station and creamery.

(Current release or reference.)

"FILLED MILK" ILLEGAL.

Commissioner J. C. Breshears states that "filled milk" is prohibited under Missouri laws, as to sale in the food trade. "Filled milk" is a combination of evaporated skimmed milk with coconut oil or other vegetable oils, and does not contain the same food constituents as whole milk. Reports to the State Department of Agriculture have been verified that this unlawful product has lately been offered for sale in certain sections of Missouri.

(Any-day copy.)

TERMITES ARE NOT ANTS.

Termites are not ants. The termite in flight has two pairs of transparent wings and very thick waist—practically no waistline. The winged ants often mistaken for termites have slim waists.

The winged termites are not the destructive members of the termite family—the trouble-makers are the tunnellers or workers, which are small, creamy forms, often erroneously called "white ants."

The "Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture, Washington, D. C.," will furnish printed information on termites.

The State Department of Agriculture at Jefferson City or the College of Agriculture at Columbia will identify specimens.

(Dateless filler copy.)

AGRICULTURAL FUNDS UNITED.

By an act of the 1935 session of the Legislature, all fees and license earnings of all inspections under the State Department of Agriculture (except the State Fair) are merged into one fund, named in the new law as the "agricultural fees fund". This consolidated fund will be equitably apportioned

(Any June edition.)

TAKING 1935 FARM CENSUS.

Starting in June, the county and township assessors are listing the 1935 farm crop acreages, as they assess farm property. The State Department of Agriculture is co-operating with the U. S. Department of Agriculture in this work, which does not duplicate the federal census recently taken for 1934.

(For farm news department?)

TIME TO WATCH CREAM.

"Now is the time to watch your cream for market" is the neighborly suggestion of J. C. Breshears, Commissioner of Agriculture, looking to the dangers pending for all milk products as the weather grows warmer. Unless cream temperature is kept down its grade goes down.

(For any edition soon.)

FEED LAW PROTECTION.

The Missouri feed law protects both the buyer and the seller, by requiring that every feed be registered and completely labeled, showing what is in the bag, listing all ingredients and the chemical analysis. If you see a livestock or poultry feed unlabeled, you instantly know that it is being offered for sale illegally. The State Department of Agriculture administers this act, which fully pays its way without cost to tax funds.

and will continue until all such places or business are carefully checked and reported to the State Department of Agriculture, for the control of plant and insect pests.

(Current release or reference.)

ICE CREAM LICENSE, JULY 1.

Annual licensing of ice cream manufacturers is due July 1st. This applies to all persons, firms or corporations manufacturing ice cream for wholesale or making for their own retail trade. The schedule of fees is the same as for last year. Applications are made to Commissioner of Agriculture J. C. Breshears at Jefferson City.

(Column filler.)

COMBINED INSPECTION PAYS.

The "combined inspection" plan of the new law that created the Missouri State Department of Agriculture has proven its worth in actual practice. Today, one inspector takes care of the four inspections, a real saving in mileage and wages, a real economy. The combined inspection pays its way without cost to state tax funds.

(Release upon receipt.)

COMMISSION MERCHANTS LICENSE.

The annual licenses of all commission merchants (other than exclusively grain or livestock) become due on June 30th. This applies to all receiving farm products on consignment. Each commission merchant gives bond, a protection to all legitimate handlers on consignment, also protecting producer and consumer. The license fee is \$25.00 per annum.

(Undated release.)

CATTLE DRESSING PERCENTAGES.

The average of cattle dress 55 % of the live weight. Cattle dressed at the packing-house range from 40 to 50 % for thin dairy

(Next issue copy—important?)

MISSOURI TO BE TB-FREE.

Testing of Cattle in this State Finishing by About July 1st.

Missouri will be a tuberculosis-free cattle state on or about July 1st—a consummation long wished for!

Since the last monthly report, the muddy weather slowed down the culling, but Macon and Putnam counties been finished and accredited.

All the counties of Missouri are now accredited tuberculosis-free counties, excepting Adair, Linn, Chariton and Schuyler—and the latter two will probably have been finished by the time that these lines reach the readers of The ..... ((name of newspaper.))

The federal veterinarians are now working in Linn and Adair counties, and are expected to test the last herd in Missouri by or before July 1st.

The completing of the TB-testing of all dairy and breeding cattle in Missouri marks one of the most important milestones in the history of the livestock industry of this state.

(Just a filler.)

EDITORS FOSTER "FARM NAMES."

The newspaper editors of Missouri, in several counties, have fostered the registering of farm names under the farm name act. Country newspaper correspondents use farm

(June 1st)

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July 1st,

starts rolling. The field headquarters be at Orrick, according to announcement by Commissioner J. C. Breshears.

(Summer filler copy.)

LABEL BETTER UNDERSTOOD.

A checking of the wholesale and retail seed trade, and inquiry among farmers, indicates there is a growing understanding and appreciation of the Missouri seed law. All field and vegetable seeds must be fully labeled, to be legally eligible for sale. The farmer is entitled to know what is in the bag—and that is exactly what the law provides.

(For publication or reference.)

MISSOURI CREAM GRADES.

When cream is bought and sold on grade in Missouri, the following grades in section 12408 of the dairy law apply, declaring that "illegal cream" is prohibited:

"EXTRA GRADE CREAM. — Extra Grade Cream is sweet cream suitable for table use, and such as will not curdle in hot water, tea or coffee.

"FIRST GRADE CREAM.—First Grade Cream shall consist of cream that is clean to the taste and smell, slightly sour, containing not to exceed four-tenths of one per cent acid, and to contain not less than twenty-five per cent butterfat, and shall be free from lumps, curd, dirt, and foreign matter.

"SECOND GRADE CREAM.—Second Grade Cream is cream that is too sour to grade as First Grade and having curdy or undesirable flavors or odors.

"ILLEGAL CREAM.—Cream that is old, rancid, molded, dirty or curdy, or that is produced by unclean separators or stored, handled or transported in unclean cans, or that has been produced, handled, separated, stored or transported in violation of this Article, and all other creams not coming within any of the above grades.





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(Important state-wide news.)

MISSOURI 21ST TB-FREE STATE.

"Last Cow" in State Has Been Tubercu-  
lin Tested—Accredited Area.

Missouri is now a tuberculosis-free cattle state—the 21st state to become a state-federal accredited area.

The "last cow" was officially tested at the Watson dairy farm, 2 miles west of Brookfield, Mo., by Dr. D. F. Luckey and found tuberculosis-free.

Dr. Luckey, former state veterinarian, developed the intradermic test and was the first or one of the first to use it in testing cattle for tuberculosis, it being the rapid, accurate and inexpensive method now used to test cattle by the federal and state governments.

From January 1, 1920, to December 31, 1934, there were tested 3,421,000 cattle in Missouri, of which 13,591 reacted and were slaughtered.

Since January 1, 1935, up to the recent finishing of the testing, there have been tested approximately 888,906, of which 520 reacted.

Complete official figures will be available later, but the total of cattle tested since the first day of 1920 to date is approximately 4,309,906, with only 14,111 reacting.

The making of Missouri a TB-free state is a valuable attainment for the livestock industry, especially for dairying.

and filing of new bond with the State Department of Agriculture. This license covers all receivers of farm products on consignment or commission basis, including some dealers who did not call themselves "commission merchants." This license and bond protects shippers of farm products.

(Undated but timely summer filler.)

BARRING SIRUP BUCKETS.

The Missouri State Department of Agriculture, by a ruling issued by Commissioner J. C. Breshears, has disapproved the use of sirup buckets, lard pails, galvanized buckets, and other unsanitary containers in the delivery of cream (butterfat) to stations licensed by the Department. Deposits of bacteria in seamy places in containers cause the more rapid souring and development of mold.

(A July news item.)

ICE CREAM INSPECTION ON.

Since July 1st, the inspection, sampling and testing of Missouri ice cream has been in progress. The new licenses fell due on July 1st, and are now being sent in by mail. This is what might be called the "harvest season" for ice cream makers. All manufacturers for wholesale or retail must obtain a state license, and keep up the butterfat content.

(Undated, any issue.)

POLICING FEED SALES.

While it is not usually spoken of in these terms, the Missouri State Department of Agriculture's officers and inspectors are daily policing the sales of livestock and poultry feeds, in the interest of the feeders and law-abiding millers.

During 1933, a total of 2,417 feeds were sampled and tested. In 1934, the total was 2,844 feeds. Total for 1933 and 1934 was 5,261 feeds. Deficiencies and illegalities

(July any edition copy.)

NOTICE TO SEED BUYERS.

Practical Advice to Buyers of Farm  
Seeds—Worth Remembering.

Farmers buying field seeds for emergency crops, this season, as well as in all purchasing of seed, anytime, will do well to carefully take an "average sample," with a disinterested witness present.

Take a portion of several different places in the sack. If more than one sack, take some seed from different parts of each sack. Remove the labeling of the bag or bags, and tie up the label with the seed, putting away in a dry place.

This is essential, if you have any later trouble, as to what sort of crop grows from the seeding. Without such an "average sample," proceedings are hampered.

The grower who buys unlabeled or illegally tagged field seeds is bidding for disappointment.

(Current any-edition item for merchants.)

CALL FOR EGG LICENSES.

That they may avoid embarrassment and disadvantages, obeying the law, all buyers and sellers of eggs should obtain egg license. All egg licenses expired on May 26th. License should be obtained by mail. Inspection comes later.

well as to how to fight termites.

(Current item, undated.)

PLANT INSPECTION ON

What is commonly called "nursery inspection" is now in progress by the State Department of Agriculture. It is more properly "plant inspection," since the law covers much more than what is commonly recognized as "nursery stock." The cost of inspection is due on the spot when a job is finished.

(Another timely filler.)

DELIVER EGGS OFTENER.

Commissioner of Agriculture J. C. Breshears reminds farmers that by delivering eggs to market oftener there can be avoided a check-off loss that comes, as the eggs are candled. Although the lot is smaller, eggs may well be taken to town twice as often as was formerly the farm custom.

(Any-issue filler.)

THIS IS A WEED YEAR.

The ..... (newspaper) is told by local farmer friends that this is a "weed year", with weeds coming up where they had not been noticed of recent times, and that weeds have grown abnormally this season, as if the soil had taken a vacation last year.

(Dateless column filler.)

WATCH YOUR CREAM NOW.

"Watch your cream for market, now-a-days—and send it to town often, if you want to avoid risking its getting condemned as too sour or moldy." This is the neighborly admonition of Commissioner J. C. Breshears of the Missouri State Department of Agriculture, addressed to the farmers of

(Helpful farm item filler.)

CREAM DELIVERIES OFTENER.

Missouri Producers Getting Cream to  
Market Oftener this Summer.

Missouri farmers, including our farmers here in ..... County, are now delivering cream to licensed stations oftener than in any previous year. Commissioner J. C. Breshears has heartily sought to help convince the producers that it pays to deliver cream oftener.

The cream improvement campaign of the creameries, in co-operation with the State and Federal Departments of Agriculture, is speeding up cream deliveries, this summer, as never before in this state.

Cream that is taken to the licensed station promptly will not be condemned, provided it has been rightly handled in the meantime. Cream that is held on the farm takes the big risk of being condemned as unfit for human food.

(Summer column filler.)

FARM CENSUS BEING TAKEN.

The Assessors are at this time listing the 1925 farm census, as they value property for taxation. Although doing both at once, the farm census has no relation to taxation.

(Dateless summer filler.)

newspaper finds that using "column fillers" ..... agricultural items pleases and

114 COUNTIES TB-FREE

All of the 114 counties of Missouri are now tuberculosis-free, being state-federal accredited areas, all dairy and breeding cattle having been tested and diseased animals slaughtered.

(Any July edition filler.)

EGG LAW VERY IMPORTANT.

The ..... (newspaper's name) observes that article 4, chapter 93, of the Revised Statutes of 1929, commonly known as the "egg law", is important to the egg producer, the dealer and the consumer, providing the legal methods of egg traffic. It is one of the outstanding state control laws in the industry, licensing all who buy or sell eggs, protecting the consumer, having made the use of eggs more popular and safer in Missouri.

(Dateless summer filler.)

BUYING EGGS "LOSS OFF."

The Missouri egg law requires that all eggs be purchased "loss off", candled before purchase. This takes time, but it is all the more needful during summer weather, and the inspectors of the State Department of Agriculture are watching this daily in egg marketing.

MISSOURI EGGS SAFER.

Missouri eggs are safer to buy, as a regular article of food, because of the state egg law and the larger measure of co-operation being given by the buyers of eggs, through the more careful observance of the licensing and inspection statute administered by the De-







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Volume 34.

AUGUST, 1935.

Number 4.

(Released for any edition publication in papers in dairy sections, and trade papers, and otherwise for reference.)

### CREAM STATION REGULATIONS.

#### Revised Regulations for Missouri, Effective Immediately in State.

Herewith are the revised cream station regulations, issued by Commissioner J. C. Breshears of the Missouri State Department of Agriculture, effective immediately, for the new licensing now due, as follows:

"This notice applies to you only to the degree that you do not as yet have your station or plant in proper sanitary condition to foster quality cream.

"Among the duties of the Missouri State Department of Agriculture is the enforcement of the regulatory laws relating to cream stations and creameries. We must have the co-operation of all the producers, milk and cream station operators, creamerymen and all handlers of milk and cream, if Missouri dairy products rank second to none in quality and are in demand in all markets. The College of Agriculture is legally fostering the educational program for the production of better quality dairy products, which is very essential and should have full co-operation in this educational work.

"Our Department Inspectors are reasonable, but they are required to enforce certain laws. They will answer questions and give special instructions relating to matters that have to deal with individual conditions, such as are not covered by general rules. Observe closely the following Regulations: "Maintain a suitable separate room, located free from dust and odors, to be used exclusively for receiving and handling butterfat, with sufficient screened windows and doors to provide light and ventilation.

"Milk and cream must not be exposed to flies or other contaminating influences.

"Room must be painted with smooth finish paint adapted to washing, the floors, walls and ceiling kept scrubbed, washed and cleaned.

"Abundant water supply must be available, with proper washing and sterilizing facilities.

"Cream cans, when not in use, must be kept inverted on a can rack.

"Use correct scales and butterfat testing equipment, with accurate test weights.

"Cream must be thoroughly stirred and sample properly taken, and exact test made for customer.

"Daily delivery of butterfat from cream station to creamery must be made.

"Cans and utensils must be kept clean and sterilized.

"Do not use dirty or rusty cans, under penalty.

"Current Missouri Milk and Cream License must be posted in conspicuous place in station.

"Do not purchase cream in sirup buckets, lard pails, galvanized buckets, and other unsanitary containers.

"Sediment tests must be made at least once a month on each producer's cream, except dirty cream, then on each delivery until cream is clean.

"In warm weather, use wet sacks or other effective method of cooling cream while in station.

"Cream should be protected from sun and excessive heat, while being delivered from station to creamery.

"Section 12406 sets out three (3) grades of cream, also describing the kind of cream that is illegal, unfit for human food, the transportation and sale of which is forbidden, under penalty. (See legal definitions of extra grade sweet cream, first grade cream, second grade cream, and 'illegal cream'.)

"Cream buyers and creameries are authorized and instructed to condemn and color, with a harmless coloring matter, any and all cream that is illegal under the grades stated in the law. Condemned, colored cream must be tendered for return to the producer or shipper, conditioned that any return charges be paid by the person to whom return is made. The person condemning cream as illegal must make record of such condemnation, notifying the Commissioner of Agriculture, giving name and address of producer or shipper, size of can, amount of cream, why cream was condemned, and the disposal of same—colored, returned to owner, or dumped."

(Next edition copy, not previously announced.)

#### SEDIMENT TEST CALLED FOR.

#### Missouri Department of Agriculture Issues New Regulation for Cream Buyers.

The Missouri Department of Agriculture, through Commissioner J. C. Breshears, hereby announces a new regulation, requiring the "sediment test" to be installed and used at all cream buying stations. The order, effective at once, is as follows:

"Sediment tests must be made at least once a month on each producer's cream, except dirty cream, then on each delivery until cream is clean."

(Current undated August copy. Of news value to all producers and dealers in butterfat.)

### THE LAW ON GRADING CREAM.

#### The Missouri Grades That Apply When Cream is Bought and Sold on Grade.

For the information of farmer producers and all dealers in cream (butterfat), The ..... herewith quotes the law on cream grades, applicable when it is bought and sold on grade:

Section 12406 (R. S. Mo., 1929) sets out Three Grades of cream, and also states what grade or kind of cream is unfit for human food, the transportation and sale of which is forbidden. The following are the Cream Grades named by law, applicable when cream is bought and sold on grade:

Extra grade cream.—"Extra Grade Cream is sweet cream suitable for table use, and such as will not curdle in hot water, tea or coffee."

First grade cream.—"First Grade Cream shall consist of cream that is clean to the taste and smell, slightly sour, containing not to exceed four-tenths of one per cent acid, and to contain not less than twenty-five per cent butterfat and shall be free from lumps, curd, dirt, and foreign matter."

Second grade cream.—"Second Grade Cream is cream that is too sour to grade as First Grade and having curdy or undesirable flavors or odors."

Illegal cream.—"Cream that is old, rancid, molded, dirty or curdy, or that is produced by unclean separators or stored, handled or transported in unclean cans, or that has been produced, handled, separated, stored or transported in violation of this Article, and all other creams not coming within any of the three grades above established is hereby declared to be ILLEGAL, and its production, transportation and sale for human food is hereby prohibited."

(Any August edition.)

### CREAM REGULATIONS ISSUED.

In announcing revised cream station regulations, effective immediately, all licenses having expired on July 31, 1935, Commissioner J. C. Breshears of the Missouri Department of Agriculture makes the following statement to all owners and operators of milk or cream stations:

"This notice applies to you only to the degree that you do not as yet have your station or plant in proper sanitary condition to foster quality cream.

"Among the duties of the Missouri State Department of Agriculture is the enforcement of the regulatory laws relating to cream stations and creameries. We must have the co-operation of all the producers, milk and cream station operators, creamerymen and all handlers of milk and cream, if Missouri dairy products rank second to none in quality and are in demand in all markets. The College of Agriculture is legally fostering the educational program for the production of better quality dairy products, which is very essential and should have full co-operation in this educational work.

"Our Department Inspectors are reasonable, but they are required to enforce certain laws. They will answer questions and give special instructions relating to matters that have to deal with individual conditions, such as are not covered by general rules.

"Please observe closely the revised regulations, just issued, which will be sent to anyone upon request, copy having been mailed to all companies, exchanges, firms and persons licensed for the year ending July 31st."

(Not previously announced, dateless.)

### ICE CREAM LICENSE CHANGE.

The law relating to licensing wholesale manufacturers of ice cream in Missouri remains unchanged. The Legislature of 1935 changed the law relating to chain stores retailing their own make of ice cream, adding the following to the law on retail manufacturing:

"Section 13071a. A 'retail manufacturer', as defined, shall only be authorized and permitted, by the permit heretofore provided, to sell ice cream at retail at the one place only, located at the address designated in the application. Provided, that a manufacturer of ice cream for sale at retail operating two or more places of business where ice cream is retailed of his (its) own manufacture, shall secure a 'supplementary permit' for each and every additional place where such manufactured ice cream is sold at retail, and the fee to be charged for such 'supplementary permit' (permits) to be at the same schedule and amount as permits for 'retail manufacturers' as specified in Section 13071, Laws of Missouri, 1933, page 254."

Any August edition, timely copy in all counties because so many dealers buy and farmers sell cream.)

### "SIXTEEN POINTS" ANNOUNCED.

#### New Regulations for Cream Stations Very Important to Farmers.

The "sixteen points" in the newly issued regulations for milk and cream buying stations, as promulgated and released with this edition, by Commissioner J. C. Breshears of the Missouri Department of Agriculture are of special interest to farmers, as follows:

"Maintain a suitable separate room located free from dust and odors, to be exclusively for receiving and handling butterfat, with sufficient screened windows doors to provide light and ventilation.

"Milk and cream must not be exposed to flies or other contaminating influences.

"Room must be painted with smooth finish paint adapted to washing, the floors, walls and ceiling kept scrubbed, washed and cleaned.

"Abundant water supply must be available, with proper washing and sterilizing facilities.

"Cream cans, when not in use, must be kept inverted on a can rack.

"Use correct scales and butterfat testing equipment, with accurate test weights.

"Cream must be thoroughly stirred and sample properly taken, and exact test made for customer.

"Daily delivery of butterfat from cream station to creamery must be made.

"Cans and utensils must be kept clean and sterilized.

"Do not use dirty or rusty cans, under penalty.

"Current Missouri Milk and Cream License must be posted in conspicuous place in station.

"Do not purchase cream in sirup buckets, lard pails, galvanized buckets, and other unsanitary containers.

"Sediment tests must be made at least once a month on each producer's cream, except dirty cream, then on each delivery until cream is clean.

"In warm weather, use wet sacks or other effective method of cooling cream while in station.

"Cream should be protected from sun and excessive heat, while being delivered from station to creamery.

"Cream buyers and creameries are authorized and instructed to condemn and color, with a harmless coloring matter, any and

address of producer or shipper, size of can, amount of cream, why cream was condemned, and the disposal of same—colored, returned to owner, or dumped."

(Any August edition—real farm news item?)

### QUALITY CREAM PROGRAM.

Missouri's "quality cream program" is being pushed ahead through the warm months, being more important now than at any time, although it is an all-year-round movement.

The federal cream inspectors have been confiscating and dumping interstate cream found unfit for human food. The Missouri Department of Agriculture inspectors are traveling with and working with the federal men, and the following is the current regulation, dealing with intrastate cream found unfit for human food, as to procedure by an inspector or a buyer:

"Cream buyers and creameries are authorized and instructed to condemn and color, with a harmless coloring matter, any and all cream that is illegal under the grades stated in the law. Condemned, colored cream must be tendered for return to the producer or shipper, conditioned that any return charges be paid by the person to whom return is made. The person condemning cream as illegal must make record of such condemnation, notifying the Commissioner of Agriculture, giving name and address of producer or shipper, size of can, amount of cream, why cream was condemned, and the disposal of same—colored, returned to owner, or dumped."

(Within-a-week copy, hot weather item.)

### PROTECT THE CREAM.

Two new regulations, for handling cream (butterfat) in warm weather, have just been issued by the Missouri Department of Agriculture, as follows:

"In warm weather, use wet sacks or other effective method of cooling cream while in station.

"Cream should be protected from sun and excessive heat, while being delivered from station to creamery."







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(Released for next edition.)

**BARBERRY ERADICATION.****Federal and State Departments of Agriculture Fight Grain Enemy.**

The Missouri State Department of Agriculture has entered into co-operation with the Bureau of Entomology and Plant Quarantine of the U. S. Department of Agriculture for control and eradication of the "common barberry" in this state.

The "common barberry" is the host plant of the black stem rust of wheat and other small grains, and its eradication is important to the wheat, oats, rye and barley growing industry in Missouri. Where there are no "common barberry" plants, the danger from early seasonal infection of black stem rust is practically eliminated in this state, in most years.

George M. Frandsen of the U. S. Department of Agriculture is stationed in Jefferson City as state supervisor of the barberry eradication project, and he will have five field supervisors under him.

Except as to supervision, almost all the funds will be used to employ local men who are unemployed and who are on the relief rolls in the communities where the work is to be done.

The ornamental Japanese Barberry is immune from the black stem rust fungus. Only the "common barberry" (*Berberis vulgaris*) and closely related varieties are hosts to black stem rust, and should be destroyed or reported, when found, either on farms or in towns on residence grounds.

"Black stem rust" is a disease of wheat, oats, rye and barley. Mr. Frandsen explains that there are two possible sources of this disease in Missouri. Early in the growing season it may spread from the leaves of the "common barberry", or be carried into Missouri by the wind from southern states where the reproducing stage of the disease overwinters.

It has been found, over a period of years, that the rust blown into Missouri during normal crop years usually arrives at a time when the grain crop is too mature to be seriously affected. Rust originating on the leaves of the "common barberry" spreads early to grains and grasses and thus attacks the crops when they are especially susceptible to rust injury.

(Next edition copy for farmers.)

**SEDIMENT TEST FOR CREAM.**

The "sediment test" for cream is now the requirement in Missouri for cream buyers. Commissioner J. C. Breshears has promulgated the following regulation, now in effect, being well received by most of the trade as being reasonable, fair, and helpful to the cream quality campaign:

"Sediment test must be made at least once a month on each producer's cream, except dirty cream, then on each delivery until cream is clean."

(Any-week filler.)

**MISSOURI A TB-FREE STATE.**

Since Missouri has become a bovine tuberculosis-free state, the demand for Missouri stocker and dairy cattle is becoming better in other states. The making of Missouri a state-federal accredited tuberculosis-free area is proving a helpful aid to the livestock industry, thanks to the veterinary profession.

(Current filler.)

**278,454 FARMS IN MISSOURI.**

The..... announces that there are 278,454 farms in Missouri, according to the 1935 federal census. The farm area is 35,083,839 acres. The farm land and buildings value is set at \$1,796,246,519.00.

itumn filler.)

**BULLETIN ON VETCH.**

"Vetch Culture and Uses" is the title of the new bulletin No. 1740. This edition succeeds F. B. No. 515 on Vetches. It is published and distributed by the U. S. Department of Agriculture, Washington, D. C.

(Any issue, for local or trade press.)

**PHONY PEACH SCOUTING.****State-Federal Work in Control of Dangerous Peach Disease.**

The Missouri State Department of Agriculture has joined the United States Department of Agriculture in co-operative scouting for the "phony peach disease", which infection of peach trees has been found in a few counties of this state.

The state and federal inspectors have lately scouted all the principal peach growing nurseries of Missouri, including trees within one mile of such nurseries. The inspectors re-scouted all peach orchards in southeast Missouri where "phony peach disease" infected trees were previously found, also examining all peach trees within a mile of trees previously condemned and destroyed by the State Department of Agriculture.

The "phony peach disease" was first discovered in Georgia, and has caused the destruction of millions of peach trees. It is now known to be in most of the southern states, and is believed to be disseminated by the peach tree borer.

The Missouri State Department of Agriculture is exerting every available precaution to protect peach trees and keep safe the peach nursery stock of the state.

(Any-day filler.)

**LICENSING ALL EGG TRAFFIC.**

All buyers and sellers of eggs are required to obtain license from the Missouri State Department of Agriculture, sales by producers excepted.

(Undated copy.)

**READING FEED LAW BULLETIN.**

Answering the question, "how do you read the Missouri feed law bulletins understandably," the following newsy explanation is made to the readers of The..... as follows:

All feeds sold in Missouri are annually registered with the State Department of Agriculture, pledging to correctly and completely label each bag, showing ingredients and chemical analysis.

The annual feed bulletins are in handy form, reading from the left, with name and address of manufacturer, name or brand of feed, with first line showing "G", guaranty, second line, "F", as found by analysis.

The first (left) column of figures shows percentage of "crude protein"; second column, "crude fat"; third column, "crude fiber"; fourth column, "nitrogen-free extract".

Add the third and fourth columns (crude fiber and nitrogen-free extract) to get the percentage of "carbohydrates".

"Nitrogen-free extract" is the percentage obtained by subtracting from 100% the total of the percentages of "ash, moisture, protein, fat and fiber."

Feeders, millers or dealers desiring free copy of the last feed bulletin may apply to the Department of Agriculture at Jefferson City.

(For either of next two issues.)

**STRAWBERRY PLANT INSPECTION.**

Growers who plan to sell strawberry plants next spring should have their stock inspected this fall, so counsels the Missouri State Department of Agriculture. The 1935 season has been very hard on strawberries, and the outlook is favorable for spring selling of inspected, certified stock. Apply at once to the Department at Jefferson City, if you desire inspection.

(Dateless filler.)

**WATCHING SEED TAGGING.**

Farmers buying grass seed for early fall planting paid more attention than formerly to the tagging of bags, showing percentages of purity, germination, weed seeds and inert matter, the presence of legally noxious weeds, date when tested, in what state or country grown, and the name and address of the vendor. The Missouri State Department of Agriculture is giving attention to complete labeling of field seeds.

(Any September edition of local or trade publications.)

**OUTSIDE NURSERY REGULATIONS.****Missouri's Revised Regulations Dealing With Foreign Nurseries.**

Effective September 1, 1935, the Missouri State Department of Agriculture am simplifies its regulations dealing with men residing outside of the state.

Each out-of-state nurseryman's nursery stock into Missouri must file a valid copy of his home state inspection certificate with the Department and obtain a "Missouri Nursery Permit Certificate". The filing fee is \$5.00, but no bond is required. When such nursery has agents in Missouri, an agent's certificate is required for each such agent, to be procured by the nursery.

Each shipment of narcissus bulbs coming into Missouri from outside nurseries must be accompanied by a special narcissus inspection certificate, showing both field and storage inspection.

For "seed sweet potatoes or sweet potato slips" coming into Missouri from another state, the grower must obtain a "Sweet Potato Permit Certificate", (cost one dollar), in addition to valid sweet potato inspection certificate from the state of origin.

A copy of the revised "outside state nursery regulations" will be sent upon request to the State Department of Agriculture, Jefferson City, Mo.

(Released for any edition soon, all counties.)

**LABELING OF SEED GRAINS.**

The..... is advising the Missouri State Department of Agriculture, J. C. Breshears, Commissioner, that it requires that all field grains for seed purposes be completely labeled with the name of the grain, whether wheat, rye, barley, oats, soybeans and included, as well as all grass seeds and flax. Cotton is the only important grain not required to be labeled.

(C

**AGRICULTURAL FEES FUND.**

The Missouri Legislature of 1935 enacted House Bill No. 215, which increases the administrative efficiency of the State Department of Agriculture, by combining all earned funds into one fund, named the "agricultural fees fund".

This measure, interesting to departments of agriculture in other states, as well as helpful in Missouri, makes the following provision:

"All moneys collected by or through the Commissioner of Agriculture from fees, Department of Agriculture from fees, licenses, permits or other earnings under any law, other than the business of the Missouri State Fair, shall be deposited daily in the state treasury to the credit of the 'Agricultural Fees Fund,' which shall be subject to appropriation by the General Assembly. All laws and parts of laws in conflict with the provisions of this act are hereby repealed insofar as such laws and parts of laws are so in conflict."

(Any-day filler item.)

**CREAM STATION REGULATIONS.**

Commissioner J. C. Breshears of the Missouri State Department of Agriculture promulgated revised regulations for cream stations early in August, and these stricter requirements are being met in a fine spirit of co-operation. A copy of the revised regulations will be mailed to anyone making request to Jefferson City.

(Undated farm copy, a filler.)

**LICENSED AND BONDED FIRMS.**

For the protection of the shippers of farm products, and the benefit of reliable houses, the Missouri State Department of Agriculture licenses and bonds all persons, firms or companies receiving farm products on a commission consignment basis. A free list of bonded houses will be mailed upon request.





## Jefferson City, Missouri

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OCTOBER, 1935.

Number 6.

(Timely current release.)

### BARBERRY WORK STARTS.

#### Federal-State Eradication is Beginning North of Missouri River.

The.....calls the attention of our readers that the United States government has declared a fresh war on the "common barberry" plant, known to science as "Barberis vulgaris," and other closely related varieties of this innocent-looking ornamental shrub, often planted in rows of small trimmed border hedge, but which "runs wild."

Geo. M. Frandsen of the U. S. Department of Agriculture is stationed with the State Department of Agriculture in Jefferson City, as state supervisor of this work of "common barberry" eradication.

The "common barberry" is the host of the "black stem rust" of wheat, oats, rye and barley. Digging up and killing the roots of the "common barberry" is the largest safeguard against this type of stem rust.

The "Japanese barberry" is not considered a host of black stem rust, and is not destroyed in this campaign of eradication.

Persons knowing of common barberry bushes are requested to notify "Geo. M. Frandsen, care of the State Department of Agriculture, Jefferson City, Mo."

In this WPA project, there will be five field supervisors, and probably 100 relief men employed. The work has already started in Jackson County, and the next.....began October 1st in Buchanan

(Timely farmer news item.)

### CREAM REGULATIONS FREE.

The current (revised) regulations governing the handling of cream stations will be sent free to any operator or producer, upon request addressed to the "State Department of Agriculture, Jefferson City, Mo." The new regulations are stricter than ever before, for Missouri now has higher, cleaner standards of dairy products than ever before.

(Current news in strawberry counties.)

### STRAWBERRY INSPECTION CALL.

This is the "last call" for state inspection of strawberry plants for spring selling. The Missouri State Department of Agriculture sounds the friendly warning that growers should have their patches inspected now. The market outlook is favorable for the spring selling of inspected strawberry plants. Strawberry diseases are increasing, and growers can not afford to take the risk of putting out uncertified plants.

(Undated release for farm news.)

### INSPECTING ALL FEEDS.

The sale of livestock and poultry feeds is being checked more carefully and strictly than ever before in Missouri. Combination inspectors are inspecting and taking samples of four different lines, of which feed at this season of the year is very important. Analyses of feeds are going on every day at the chemical laboratory in the state office building in Jefferson City.

and law. In season, millions of Missouri eggs are broken and sealed in cans, shipped under refrigeration to nearly every state in the Union.

(Autumn filler item.)

### EGG-BACON WEATHER.

Needless it is to remark that this is "Eggs and Bacon Weather," so remarks The.....Eggs are becoming more and more the rule in more homes, and among more people at hotels and restaurants in Missouri, because of the higher quality and trustworthiness of eggs as daily food.

(Readable column filler, dateless.)

### ALL FEEDS REGISTERED.

Each brand or kind of livestock or poultry feed, sold or offered for sale in Missouri, must be registered with the State Department of Agriculture. Each bag or package must be fully labeled, as provided by law. The inspection work of the Department of Agriculture pays its own way, without cost to the public tax funds.

(Item always in order, dateless.)

### SHIP TO BONDED HOUSES.

Producers should ship to bonded and licensed commission merchants who receive farm products on a consignment commission basis, so says Commissioner J. C. Breshears of the Missouri State Department of Agriculture. A list of licensed and bonded persons and companies will be mailed free, upon request.

(Seeding item, dateless filler.)

### BUYING LABELED SEEDS ONLY.

Missouri farmers and townsmen are more and more finding that it is wise to buy only legally labeled field and vegetable seeds. Unlabeled, unguaranteed seed are the highest priced in the market, judging by production results.

(Undated statement release.)

### WARNING ON "CO-OPERATION."

#### The Missouri State Department of Agriculture Makes Timely Statement.

Commissioner J. C. Breshears of the State Department of Agriculture, in warning the producers of farm products against any and all illegitimate efforts to fake farmers in the name of a co-operation that is not genuine, authorizes the following statement:

No farmer need be mistaken as to what is genuine co-operative marketing, but should beware of abnormal promises and make careful investigation before becoming a member of an organization operated by strangers.

True co-operative marketing is to be encouraged, when carried on in a legitimate way along the lines of established business principles. Co-operative organizations are either sound or unsound and are organized and conducted either in good faith or bad faith. They merit your confidence and support, or else they deserve your censure and non-support.

(Filler dateless item.)

### DEMAND FOR DAIRY CATTLE.

The.....is pleased to receive report from the Missouri Department of Agriculture that there is a growing interest in and demand for the dairy cattle of this state in other states, extending as far east as New York. Since Missouri is now a tuberculosis-free accredited state, our dairy cattle are going to be shipped and.....prices.

### SPRAY RESIDUE BULLETIN.

The U. S. Department of Agriculture, Washington, D. C., announces the issuance of Farmers' Bulletin No. 1752-E, entitled "Spray Residue Removal from Apples and Other Fruits."

(Any-issue filler.)

### CREAM TEST CONTINUES.

The "sediment test" of cream is being continued in the cream-buying stations of Missouri, so The.....has been notified by Commissioner Breshears of the Department of Agriculture. The "sediment test" is one proof of the cleanliness of cream, the new guaranty of quality of butter, helping to make our creamery butter more popular in the markets of the nation.

(Column filler for any country paper.)

### BETTER MISSOURI EGGS.

Missouri eggs are advancing in favor in the markets of the nation and the state. Today, the customer can order eggs with assurance that they will be fresh and wholesome. More people within this state are eating eggs today than ever before, at this time of year, so observes The.....

(Dateless filler bulletin.)

### MISSOURI MILL CENSUS.

There are 63 wheat flour mills reporting in the 1935 federal census for Missouri. The daily 24-hour capacity is 52,890 barrels. Missouri grinds 8.2 % of the national milling of flour. Missouri milling averages 275.9 pounds of wheat to make a barrel of flour.

(Undated but timely.)

### NURSERY DEALER INSPECTION.

All dealers in nursery stock, including truckers peddling nursery stock, are required to pay an inspection of premises fee and have in possession a "Nursery Dealer's Inspection Certificate." Non-resident nursery dealer truckers must have with their truck such a certificate, issued by the Missouri State Department of Agriculture.

### EGG LICENSING HELPS.

The Missouri egg licensing law, putting all traffic.....reasonable license and insi.....the ind.....have in.....handlin.....million.....dustry.....the State Department of.....assisting in egg improvement.

(Timely filler?)

### "SIRUP BUCKETS" CONDEMNED.

"Sirup buckets" and similar pails are being condemned as unsanitary containers for delivering cream to licensed cream stations in Missouri. Producers invite losing their cream by trying to sell it in such buckets, so The.....is notified by the Missouri State Department of Agriculture.

(Dateless news filler.)

### PHONY PEACH FOUND.

In the recently discontinued state-federal survey of several counties south of the Missouri river, additional specimens of "phony peach" diseased trees were found by the U. S. D. A. and Missouri Department of Agriculture inspectors. The indications are that Missouri is as yet but very slightly infected, but all diseased "phony peach" trees are being dug up and destroyed.

(Newsy wherever greenhouses.)

### GREENHOUSE INSPECTION.

The month of October marks the time when greenhouses receive their second inspection of the year, October 1st being the regular date for issuance of certificates. Greenhouse inspection in Missouri is optional as to annuals, but compulsory as to perennials and certain bulbs. State inspection of a greenhouse is a trademark of protection to the buyer.





# THE BULLETIN

Jefferson City, Missouri

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DECEMBER, 1935.

Number 8.

(Current news release.)

## NEW FARM WAREHOUSE RULES.

### State Department of Agriculture Pro-mulgates New Regulations.

As of December, 1935, Commissioner of Agriculture J. C. Breshears of the Missouri State Department of Agriculture has issued new rules and regulations for the administration of the State Farm Warehouse Act. New instructions to Sealers have been sent to County Clerks, along with other mailings.

County Sealers were appointed in 1934 in 60 counties, and their commissions are still in force, resignations excepted. In counties desiring Sealers appointed, the County Clerks will communicate with the Commissioner of Agriculture at Jefferson City.

The Federal government is loaning 45 cents per bushel on well-cribbed shucked corn that will grade number three or better when shelled. Persons with corn-hog contracts will confer with their local County Clerk or Sealer, if interested.

(Current usage copy.)

## NEW YEAR GREETINGS.

(Current usage copy.)

Although the 1934 and 1935 crop seasons in Missouri have been spotted, bad in many communities, the average farmer looks hopefully forward to a better season in 1936, feeling encouraged, if he can but have favorable weather for profitable crops in the New Year.

(Released for any early issue.)

## NEWS ON THE SEED LAW.

### Attorney General Issues Ruling—Commissioner's Statement.

Commissioner of Agriculture J. C. Breshears issues the following New Year statement concerning the Missouri seed law and its enforcement in 1936:

"The Attorney General has issued a legal opinion that makes the Missouri Seed Law much more effective and workable. Any citizen can file a complaint with the Prosecuting Attorney, or the Prosecuting Attorney can file a case on his own initiative.

"It is illegal for unlabeled or mislabeled agricultural seed to be sold or offered for sale from a truck or wagon or at an established place of business.

"The Missouri State Department of Agriculture invites the co-operation of all seed growers, buyers and sellers for the reasonable yet strict enforcement of the seed law."

(Short dateless filler.)

## STATE FAIR, AUGUST 22-29.

The 1936 dating of the Missouri State Fair at Sedalia is August 22nd to 29th, two weeks later than usual, according to announcement of State Fair Secretary Charles W. Green of the State Department of Agriculture.

(Year-end New Year item.)

## TO MISSOURI'S BENEFIT.

The year 1935, to be exact on July 1st, brought to Missouri complete state-federal accreditation as a state-wide tuberculosis-free cattle area, much to the benefit of the dairy and beef industry of the State.

With great cities enforcing ordinances against entry of milk, butter and other dairy products, from areas not accredited as tuberculosis-free, Missouri benefits through this new classification. Effective January 1, 1936, there are 35 States on the "white" (TB-accredited) list, with other States at or close to the passing line.

(Any issue copy?)

## FEED REGISTRATIONS DUE.

### All Livestock and Poultry Registrations Due on the New Year.

With the beginning of the New Year, all livestock and poultry feeds are due and being registered, all approved registra-

remittances begin with New Year's day.

The total of feed brand registrations for 1935 exceeds recent prior years, indicative of improved condition in the feed trade, with brighter outlook for 1936.

(Undated but current copy.)

## QUARANTINE EFFECTS POP-CORN.

The present state quarantine against the European corn borer makes it impossible to ship pop-corn in the ear into Missouri from infested areas, according to Plant Officer J. Carl Dawson of the State Department of Agriculture. Owing to local shortages in the pop-corn crop, there has been a commercial demand for ear pop-corn in the corn belt states. Missouri, Iowa, Kansas, Nebraska and Illinois are forbidding incoming shipments by train or truck of pop-corn or other corn on the cob. Shelled corn, free of cob debris, is admitted under the state quarantine.

(Mid-winter news item.)

## "CANDLED EGGS" THE SAFE WAY.

Candling eggs is best for the seller and the buyer. Candling is the retailer's only safeguard against misrepresenting the quality of the eggs that he sells to his trade. While candling is more vitally necessary in warm weather, there is no season when the law permits eggs to be bought and sold without candling, so says J. C. Breshears, Commissioner of Agriculture, in commending the advancement of egg quality in 1935.

(Filler for students and farmers.)

## FREE FARM BULLETIN LIST.

Farmers and students desiring such information may address "M. C. Merrill, Chief of Publications, Office of Information, United States Department of Agriculture, Washington, D. C.," for a complete roster of available Farm Bulletins. The Missouri State Department has discontinued issuance of a bulletin roster.

(Filler, current, any early issue.)

## SEED CORN IMPORTANT.

The question of 1936 seed corn is an important issue, especially in certain Missouri counties where the later corn was damaged by early frost. Consideration may well be given at once for making sure of high germination seed corn for 1936 planting. Now is the time to test the corn you are saving for seed.

(Filler item.)

entitled "Flaxseed Production in the North Central States", by addressing the "United States Department of Agriculture, Washington, D. C."

(Filler item.)

## WHAT IS AN "ICE WELL?"

Persons desirous of information about the "farm ice well" may obtain a free copy of U. S. D. A. Circular No. 155, entitled "The Ice Well on the Dairy Farm", by writing to the "Bureau of Dairy Industry, U. S. Department of Agriculture, Washington, D. C."

(Undated column filler.)

## THE STORY OF THE PLOW.

The invention and development of the plow and the wheel spell the imperishable chronicles of progressive advancement, the plow being first aid to agriculture.

The plow, and its companion, the wheel, have been the means of betterments in rural civilization, no community or nation faring far ahead of its yesterdays, excepting as its plows and wheels have been improved, revolutionizers of society and commerce, torch-bearers of civilization!







The BULLETIN is published monthly by the Missouri State Department of Agriculture, J. C. Breshears, Commissioner, Jefferson City, Missouri. Entered as second-class matter at Jefferson City (Mo.) postoffice, October 13, 1917, under Act of Congress of June 6, 1900. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized July 2, 1918.

Volume 33.

JANUARY, 1936.

Number 9.

(Release, immediate. First announcement Important to all farmers.)

## REVISED SEED LABEL.

### State Department of Agriculture Begins New Year With New Tagging.

The Missouri State Department of Agriculture begins the New Year with a new (revised) labeling of all field seeds sold or offered for sale for seeding purposes within this state, according to an announcement by Commissioner J. C. Breshears.

The labeling regulation, in result, forbids the including of "hard seed" as a part of the germination percentage. The new label form provides, after "germination, . . . per cent," the words "without hard seed, . . . per cent."

The following is the wording of the revised label, effective January 1, 1936:

|                                                                     |                                            |
|---------------------------------------------------------------------|--------------------------------------------|
| Kind . . . . .                                                      | Lot No. . . . .                            |
| Grown in (State of) . . . . .                                       |                                            |
| Purity . . . . . %                                                  | % Weed Seed . . . . . %                    |
| Other Crop Seed . . . . . %                                         | % Germination Date . . . . . 193 . . . . . |
| Germination . . . . . %                                             | % Without Hard Seed . . . . . %            |
| Noxious Weed Seeds in Excess of One to Five Grams (kinds) . . . . . |                                            |
| (Full Name and Address of Vendor.) . . . . .                        |                                            |

The above is "Label Form No. 1." "Form No. 2" is for "mixed seeds," and "Form No. 3" is for "special mixtures" like lawn grass mixtures.

(Release, immediate, for publication or reference of wholesale and retail seedsmen, and all seed buyers.)

## NEW RULING ON SEED LAW.

### Missouri's Attorney-General Rules on Controversial Points.

The controversial points in the Missouri seed law have been clarified and made workable, through an important ruling made by Attorney-General Roy McKittrick, a copy of which has been sent by the State Department of Agriculture to all prosecuting attorneys.

The McKittrick ruling gives to each prosecuting attorney the full right to file cases under the seed labeling law, either on his own initiative or on complaint of any citizen.

The ruling holds that the Commissioner of Agriculture or his agent must hold a private hearing, on finding a seeming infraction of the seed law, before filing a case, but that this limitation does not apply to prosecuting attorneys.

The ruling also holds that the Commissioner does not have to wait for a report of seed analysis before holding a hearing, if and when the alleged infraction is for non-labeling, and that in such an instance an analysis is unnecessary.

One portion of the Attorney-General's ruling is important to wholesale seedsmen, in that it is ruled that wholesalers in selling seeds to each other are not required to label them, on the theory that such seed are not yet offered for sale for seeding purposes.

(Essential information for farmers, dateless.)

## LIMITED SEED EXEMPTIONS.

### Missouri Seed Law Grants Sale Un-labeled Under Only Special Conditions.

The . . . . . ((newspaper's name))) has received this explanation of the limited exemptions, under which Missouri farmers and others may sell field seeds unlabeled, under the field seed law.

Field seeds may be sold unlabeled only under the following conditions:

1st—When possessed, exposed for sale or sold for food or feed purposes only.

2nd—When sold to merchants to be recleaned before being sold or offered for sale for seeding purposes.

3rd—When in store for recleaning or not possessed or sold or offered for sale for seeding purposes.

4th—When sold by the grower on his own premises, without having been advertised for sale, and without being delivered by a common carrier.

It is illegal for a farmer to haul unlabeled field seed to a merchant or exchange to be sold for him either on commission or free of charge—illegal both as to farmer and merchant.

(Undated current farm news filler and reference item.)

## "FIELD SEED" EXEMPTS COTTON.

It is interesting to observe that the Missouri field seed law covers every kind of farm field seeds excepting cotton seed.

Farmers and all sellers of field seeds are reminded by The . . . . . ((name of newspaper))) that the seed law includes the following seeds, when sold, offered or exposed for sale for seeding purposes:

"Canada bluegrass, Kentucky bluegrass, brome grass, fescues, millets, tall meadow oat grass, orchard grass, redtop, Italian 1 grass, kaffir corn, and other grain and sorghums, perennial ryegrass, sudan grass, timothy, alfalfa, alsike clover, crimson clover, red clovers, sweet clover, white clover, Canada field peas, cowpeas, soybean vetches, and all other grasses and forage plants, buckwheat, flax, rape, barley, field corn, broomcorn, oats, rye, wheat and other cereals."

(Release upon receipt, for publication or later reference.)

## WHOLESALE TO WHOLESALE.

### Wholesalers May Traffic Together in Seeds Without Labeling Them.

Wholesale dealers in field seeds may buy and sell with each other without labeling the contents of the bags, if they choose to and agree to furnish and receive same without guaranty, according to a ruling lately authorized by Attorney-General Roy McKittrick.

The ruling is based on the theory that so long as the trafficking is exclusively between wholesalers that the seed has not as yet been offered for sale or sold for seeding purposes.

If and when the seed is offered for sale or sold by a wholesaler for seeding purposes, then each and every bag or package must be correctly and legally labeled, under the terms of the seed law.

(For immediate use, for publication or reference.)

## HEARING, BUT NO ANALYSIS.

If and when the Commissioner of Agriculture or his agent shall find a seeming infraction of the seed law for non-labeling, or other cause not involving the correctness of the percentage figures of a label, a "private hearing" shall be held, but it is not necessary to wait for a seed analysis to be made, according to a new ruling by Attorney-General Roy McKittrick.

No analysis is required when the complaint is based on an offense in which the result of analysis is not involved.

In such a case as mentioned above, the local prosecuting attorney or any citizen may file a complaint in the local court without waiting for the Commissioner of Agriculture to act.

(Dateless, yet current filler and farm reference item.)

## REVISED SEED LABEL, 1936.

Effective since January 1, 1936, there is now in force newly revised field seed labeling forms and regulations, eliminating "hard seed" from the germination percentage.

For ready reference, the following is the wording of the unmixed seed label, "Form No. 1," now required under the Missouri seed law:

"Kind . . . ; lot No. . . ; grown in (state of) . . . ; purity, . . . %; weed seed, . . . %; inert, . . . %; other crop seed, . . . %; germination date, . . . 193 . . . ; germination, . . . % without hard seed, . . . %; noxious weed seeds in excess of one to 5 grams (kinds) . . . full name and address of vendor."

(For next issue, and for reference.)

## OUR PROSECUTOR MAY FILE.

Prosecuting Attorney . . . . . ((local officer's name))) may file complaints under the Missouri seed law, either on affidavit of any local complainant or on his own initiative according to a new ruling by Attorney-General Roy McKittrick, applicable to all prosecuting attorneys.

Certain prosecuting attorneys have previously interpreted the seed law as bidding them filing a case, except with the State Department of Agriculture has previously held a hearing thereon and has issued a formal complaint.

The McKittrick ruling simplifies and aids in the enforcement of the seed law, leaving the prosecuting attorneys and all private citizens free to file complaints in their local courts, on their own initiative.

Missouri Seed Laws," containing the field and vegetable seed laws, the important ruling of the Attorney-General, and instructions for taking samples for testing.

In this booklet will be found the three new forms required since New Year for labeling unmixed seed, mixed seeds, and special mixtures.

Persons desiring this free booklet may address J. C. Breshears, Commissioner of Agriculture, Jefferson City, Mo.

(Press and public item, dateless, but of current importance.)

## UNLABELED SEEDS IN TRUCKS.

The Missouri State Department of Agriculture, through Commissioner J. C. Breshears, asks The . . . . . ((name of paper))) to warn merchants and farmers against trucks (especially out of state trucks) selling unlabeled or mis-labeled field seed, which is contrary to the seed law and the best interests of our farming industry.

Many dealers and farmers have been defrauded during the past two years by state truckers, who always have played stories about "bargains."

(Undated, yet current filler notice.)

## YOU MAY MAKE COMPLAINT.

You, as a private citizen or as a merchant have full right to make complaint to your county prosecuting attorney against anybody selling unlabeled or mis-labeled field seed contrary to law.

Unless and until both farmers and local dealers exercise their rights toward helping to halt the truck peddlers scattering unknown and uncertain seed over the country, the weed menace will continue to mount in this land of ours, so declares Commissioner J. C. Breshears of the Missouri State Department of Agriculture, in an appeal for teamwork in seed law observance.





# THE BULLETIN

Vol. 33 - February, 1936 - No. 10

## CHEMICAL ANALYSES

Of Official Livestock and Poultry Feed  
Samples Analyzed from January  
1 to December 31, 1935

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By

R. L. REED, A. RAY HALL  
and SUMTER INGLISH

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MISSOURI STATE DEPARTMENT OF AGRICULTURE

J. C. BRESHEARS, *Commissioner*  
JEFFERSON CITY, MO.

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## Chemical Analyses

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The chemical analyses of livestock and poultry feeds analyzed from January 1st to December 31st, 1935, by the Feed Division of the State Department of Agriculture are published in this Bulletin. In addition, violations of the Missouri Feed Law are listed in the following table, numbered from 1 to 35. The superior figures following certain laboratory numbers refer to this table. For instance, on page 2, laboratory number 35-11-215, the small superior figure<sup>7</sup> refers to number 7 of the table on page one, meaning "Minimum per cent Nitrogen-free Extract not shown on label."

During this period, 3,024 official samples were analyzed. These samples represent 459 Missouri manufacturers and 121 out-of-state manufacturers offering feeds for sale in Missouri in 1935. Of these 3,024 samples analyzed, 1,238 failed to meet their guarantees either in labeling or in the chemical analysis, but these manufacturers made adjustments either by re-labeling or re-registering these feeds.

Feed dealers and Livestock and Poultry feeders will find these Bulletins helpful in the purchasing of feeds.

## KEY TO SMALL SUPERIOR (REFERENCE) FIGURES AFTER "LABORATORY" NUMBERS.

- 1.—Not registered when sampled.
- 2.—Not labeled when sampled.
- 3.—Ingredients not shown on label under such heading.
- 4.—Label should show *minimum per cent* of Crude Protein, Crude Fat, and Nitrogen-free Extract.
- 5.—Label should show *maximum per cent* of Crude Fiber.
- 6.—Nitrogen-free Extract not shown on label.
7. Minimum per cent Nitrogen-free Extract not shown on label.
- 8.—Ingredients on label do not correspond identically with ingredients on registration.
- 9.—Chemical Analysis on label does not correspond to chemical analysis on registration.
- 10.—Brand name on label does not correspond to brand name on registration.
- 11.—Net weight not shown on label.
- 12.—Source of screenings not shown on label, in brand name and or in ingredients.
- 13.—Color of shorts or middlings not shown on label.
- 14.—Kind of shorts or middlings not shown on label.
- 15.—Guaranteed chemical analysis not shown on label.
- 16.—Kind of bran not shown on label.
- 17.—Label illegible (not printed plainly).
- 18.—Net weight should be stated as follows: 100 pounds net weight.
- 19.—Label should designate either *cake* or *meal*, and not both on same tag.
- 20.—Manufacturer's name and or address not shown on label.
- 21.—Incorrectly and or illegally labeled.
- 22.—Percentage or mill-run of screenings not shown on label (in brand name and/or in list of ingredients.)
- 23.—Brand name not shown on label.
- 24.—Minimum per cent Crude Protein not shown on label.
- 25.—Minimum per cent Crude Fat not shown on label.
- 26.—Kind of Gluten Feed not shown on label.
- 27.—Carbohydrates guarantee shown on label instead of Nitrogen-free Extract guarantee.
- 28.—Label misprinted.
- 29.—Old Tags attached.
- 30.—Minerals not defined on label (common specific names of ingredients of minerals not shown on label).
- 31.—Kind of Feed Meal not shown on label.
- 32.—Old Ultra-Life tags used.
- 33.—Kind of dried milk not shown on label.
- 34.—Conway Cotton Oil Co. was registered in 1934, but not in 1935. Feeds were sampled in 1934, out of 1934 lot, and analyzed in 1935.
- 35.—Interchangeable terms should not be used in list of ingredients.



# CHEMICAL ANALYSES

| Manufacturer and Address,<br>Brand Name, Laboratory Number,<br>"Superior" Figures (see key), |  | Chemical Analyses                     |              |                |                             |       |
|----------------------------------------------------------------------------------------------|--|---------------------------------------|--------------|----------------|-----------------------------|-------|
|                                                                                              |  | Per cent Guaranteed (G) and Found (F) |              |                |                             |       |
|                                                                                              |  | Crude<br>Protein                      | Crude<br>Fat | Crude<br>Fiber | Nitrogen<br>Free<br>Extract |       |
| <b>Abilene Flour Mills Co., Abilene, Kan.</b>                                                |  |                                       |              |                |                             |       |
| Wheat Bran and Ground Wheat Screenings                                                       |  |                                       |              |                |                             |       |
| Not Exceeding 5 %.....                                                                       |  | G                                     | 14.50        | 3.50           | 11.00                       | 47.00 |
| 35-11-215 <sup>7,22</sup> .....                                                              |  | F                                     | 17.63        | 5.02           | 9.79                        | 49.25 |
| <b>Abrahams Feed Store, Warrensburg, Mo.</b>                                                 |  |                                       |              |                |                             |       |
| Abrahams "Missouri Formula" Egg Mash...                                                      |  | G                                     | 18.00        | 4.00           | 8.00                        | 44.00 |
| 35-11-14.....                                                                                |  | F                                     | 22.50        | 5.94           | 4.59                        | 48.02 |
| Abrahams "Missouri Formula" Chick Mash.                                                      |  | G                                     | 16.00        | 4.00           | 5.00                        | 45.00 |
| 35-11-15.....                                                                                |  | F                                     | 17.06        | 6.32           | 3.87                        | 56.92 |
| <b>Acme-Evans Co., Indianapolis, Ind.</b>                                                    |  |                                       |              |                |                             |       |
| Acme Wheat Bran With Ground Wheat                                                            |  |                                       |              |                |                             |       |
| Screenings not Exceeding Mill-Run....                                                        |  | G                                     | 15.50        | 3.75           | 10.00                       | 46.00 |
| 35-10-90 <sup>27</sup> .....                                                                 |  | F                                     | 17.63        | 3.85           | 8.94                        | 52.35 |
| <b>Acorn Feed Co., St. Louis, Mo.</b>                                                        |  |                                       |              |                |                             |       |
| O. U. Brand Hen Feed.....                                                                    |  | G                                     | 9.50         | 3.00           | 4.00                        | 60.00 |
| 35-6-25.....                                                                                 |  | F                                     | 11.25        | 4.60           | 3.55                        | 65.00 |
| <b>Aldrich Flour Mills, Aldrich, Mo.</b>                                                     |  |                                       |              |                |                             |       |
| Our Best Mixed Feed.....                                                                     |  | G                                     | 16.00        | 3.50           | 8.50                        | 54.00 |
| 35-11-44 <sup>2</sup> .....                                                                  |  | F                                     | 17.25        | 4.31           | 8.04                        | 54.48 |
| <b>Alfocorn Milling Co., East St. Louis, Ill.</b>                                            |  |                                       |              |                |                             |       |
| Alfocorn Corn Bran.....                                                                      |  | G                                     | 9.00         | 5.00           | 12.50                       | 57.50 |
| 35-1-85 <sup>1,4,5</sup> .....                                                               |  | F                                     | 9.00         | 3.51           | 9.80                        | 64.89 |
| Cracked Corn.....                                                                            |  | G                                     | 9.00         | 3.50           | 3.00                        | 67.50 |
| 35-1-86.....                                                                                 |  | F                                     | 9.38         | 5.36           | 1.67                        | 71.53 |
| Red Dot Scratch Feed.....                                                                    |  | G                                     | 9.00         | 3.00           | 4.00                        | 55.50 |
| 35-2-199.....                                                                                |  | F                                     | 9.81         | 5.30           | 2.44                        | 68.62 |
| Alfocorn Dairy Supplement.....                                                               |  | G                                     | 32.00        | 5.00           | 10.00                       | 35.00 |
| 35-2-228 <sup>1,4,5</sup> .....                                                              |  | F                                     | 31.44        | 5.24           | 9.30                        | 34.19 |
| Alfocorn Mash Supplement.....                                                                |  | G                                     | 35.00        | 5.00           | 5.50                        | 24.00 |
| 35-2-229 <sup>1,8,9</sup> .....                                                              |  | F                                     | 36.69        | 8.40           | 4.94                        | 15.07 |
| Full Pail Dairy Feed, 16 %.....                                                              |  | G                                     | 16.00        | 3.50           | 15.00                       | 40.00 |
| 35-4-50.....                                                                                 |  | F                                     | 15.50        | 3.03           | 11.52                       | 43.83 |
| High Kick Sweet Feed.....                                                                    |  | G                                     | 7.00         | 1.50           | 12.00                       | 58.00 |
| 35-6-81 <sup>4,5,9</sup> .....                                                               |  | F                                     | 7.61         | 2.02           | 13.90                       | 57.54 |
| Wish Bone All Mash Laying Ration.....                                                        |  | G                                     | 15.00        | 4.00           | 7.00                        | 51.00 |
| 35-9-86 <sup>8,9,13</sup> .....                                                              |  | F                                     | 18.44        | 4.08           | 6.10                        | 53.05 |
| Wish Bone Regular Laying Mash.....                                                           |  | G                                     | 18.00        | 4.00           | 7.00                        | 46.00 |
| 35-9-87 <sup>13</sup> .....                                                                  |  | F                                     | 21.25        | 4.14           | 6.16                        | 47.21 |
| Alfocorn Gro-Mash.....                                                                       |  | G                                     | 18.00        | 4.00           | 7.00                        | 45.00 |
| 35-9-89 <sup>4,5,13</sup> .....                                                              |  | F                                     | 19.56        | 5.73           | 4.84                        | 46.78 |
| <b>Allied Mills, Inc., Chicago, Ill.</b>                                                     |  |                                       |              |                |                             |       |
| Sucrene 16 1/2 % Dairy Ration.....                                                           |  | G                                     | 16.50        | 3.00           | 12.00                       | 45.00 |
| 35-1-9.....                                                                                  |  | F                                     | 17.25        | 4.12           | 9.64                        | 51.01 |
| Wayne 40 % Hog Supplement.....                                                               |  | G                                     | 40.00        | 4.50           | 8.00                        | 22.00 |
| 35-1-10.....                                                                                 |  | F                                     | 38.88        | 5.42           | 5.03                        | 25.85 |
| Wayne 32 % Farm Mix Dairy Feed.....                                                          |  | G                                     | 32.00        | 4.00           | 9.00                        | 35.00 |
| 35-1-19.....                                                                                 |  | F                                     | 31.81        | 5.62           | 7.02                        | 38.24 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |        |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|--------|--|
|                                                                                           | Protein                                             | Fat  | Fiber | N.F.E. |  |
| Economy Sheep Feed.....                                                                   | G 10.00                                             | 1.00 | 28.00 | 45.00  |  |
| 35-1-20.....                                                                              | F 13.69                                             | 1.42 | 22.28 | 40.14  |  |
| Lo-Price Stock Feed.....                                                                  | G 10.00                                             | 2.50 | 15.00 | 50.00  |  |
| 35-1-22.....                                                                              | F 14.50                                             | 3.92 | 10.57 | 49.54  |  |
| Empire Egg Mash.....                                                                      | G 16.50                                             | 3.50 | 7.00  | 50.00  |  |
| 35-5-236.....                                                                             | F 18.50                                             | 4.34 | 5.25  | 52.27  |  |
| Wayne Chick Starter.....                                                                  | G 17.00                                             | 4.00 | 6.00  | 50.00  |  |
| 35-5-237.....                                                                             | F 19.94                                             | 4.31 | 5.49  | 49.66  |  |
| Wayne Egg Mash.....                                                                       | G 18.00                                             | 3.50 | 7.00  | 45.00  |  |
| 35-5-238.....                                                                             | F 19.69                                             | 9.49 | 6.13  | 48.69  |  |
| Empire 16 1/2 % Dairy Ration.....                                                         | G 16.50                                             | 3.00 | 12.00 | 45.00  |  |
| 35-5-239.....                                                                             | F 17.00                                             | 3.44 | 9.63  | 51.06  |  |
| Empire Scratch Feed.....                                                                  | G 9.00                                              | 2.50 | 4.00  | 65.00  |  |
| 35-6-227.....                                                                             | F 11.38                                             | 2.80 | 3.12  | 67.19  |  |
| Wayne Chick Starter With Sardine Oil.....                                                 | G 17.00                                             | 4.00 | 6.00  | 50.00  |  |
| 35-6-228.....                                                                             | F 18.06                                             | 6.11 | 6.48  | 51.53  |  |
| Wayne Mash Concentrate.....                                                               | G 32.00                                             | 4.00 | 8.00  | 25.00  |  |
| 35-6-229 <sup>9</sup> .....                                                               | F 36.38                                             | 4.37 | 8.58  | 30.28  |  |
| Sucrene 16 1/2 % Dairy Ration.....                                                        | G 16.50                                             | 3.00 | 12.00 | 45.00  |  |
| 35-6-248.....                                                                             | F 20.81                                             | 4.97 | 8.89  | 46.42  |  |
| Wayne Intermediate Scratch Feed.....                                                      | G 10.00                                             | 2.00 | 4.00  | 65.00  |  |
| 35-9-135.....                                                                             | F 11.81                                             | 2.89 | 1.98  | 69.72  |  |
| Empire 16 1/2 % Dairy Ration.....                                                         | G 16.50                                             | 3.00 | 12.00 | 45.00  |  |
| 35-9-137.....                                                                             | F 17.94                                             | 3.15 | 11.73 | 45.99  |  |
| Wayne 24 % Dairy Feed.....                                                                | G 24.00                                             | 4.00 | 9.00  | 40.00  |  |
| 35-9-138.....                                                                             | F 25.94                                             | 4.33 | 8.57  | 44.85  |  |
| Wayne Chick Starter With Sardine Oil.....                                                 | G 17.00                                             | 4.00 | 6.00  | 50.00  |  |
| 35-9-140.....                                                                             | F 17.50                                             | 5.70 | 4.51  | 54.74  |  |
| Red Feather Scratch Feed.....                                                             | G 9.00                                              | 2.50 | 4.00  | 65.00  |  |
| 35-9-141.....                                                                             | F 11.69                                             | 4.04 | 3.40  | 67.34  |  |
| Wayne Calf Meal.....                                                                      | G 24.00                                             | 4.00 | 7.00  | 45.00  |  |
| 35-9-143.....                                                                             | F 25.69                                             | 4.20 | 4.86  | 49.05  |  |
| Super Soy.....                                                                            | G 37.00                                             | 5.00 | 6.50  | 27.00  |  |
| 35-9-165.....                                                                             | F 30.69                                             | 5.38 | 5.33  | 29.33  |  |
| Super Soy.....                                                                            | G 37.00                                             | 5.00 | 6.50  | 27.00  |  |
| 35-10-246.....                                                                            | F 38.75                                             | 5.63 | 6.22  | 28.94  |  |
| Empire 16 1/2 % Dairy Ration.....                                                         | G 16.50                                             | 3.00 | 12.00 | 45.00  |  |
| 35-10-247.....                                                                            | F 19.50                                             | 3.43 | 9.63  | 50.76  |  |
| Screened Cracked Corn.....                                                                | G 8.50                                              | 2.50 | 2.50  | 65.00  |  |
| 35-12-187.....                                                                            | F 10.50                                             | 3.86 | 1.53  | 71.71  |  |

**Alma Farmers Elevator Co., Alma, Mo.**

|                          |         |      |      |       |  |
|--------------------------|---------|------|------|-------|--|
| General Laying Mash..... | G 16.00 | 3.50 | 8.00 | 40.00 |  |
| 35-1-149.....            | F 19.94 | 5.25 | 7.03 | 47.54 |  |
| General Laying Mash..... | G 16.00 | 3.50 | 8.00 | 40.00 |  |
| 35-11-21.....            | F 19.25 | 5.15 | 6.58 | 48.52 |  |

**Always-A-Head Mills, Inc., East St. Louis, Ill.**

|                                             |         |      |      |       |  |
|---------------------------------------------|---------|------|------|-------|--|
| Do-Mor Chick Scratch Feed.....              | G 9.50  | 2.50 | 3.50 | 60.00 |  |
| 35-4-155.....                               | F 10.81 | 3.41 | 1.22 | 69.59 |  |
| Do-Mor Scratch Feed.....                    | G 9.00  | 2.50 | 3.50 | 60.00 |  |
| 35-5-223.....                               | F 12.00 | 4.91 | 2.77 | 64.72 |  |
| Always-A-Head Pullet Corn Chops.....        | G 9.00  | 3.00 | 2.50 | 60.00 |  |
| 35-6-18 <sup>10</sup> .....                 | F 12.38 | 3.01 | 2.65 | 67.09 |  |
| Do-Mor Scratch Feed.....                    | G 9.00  | 2.50 | 3.50 | 60.00 |  |
| 35-6-19.....                                | F 12.13 | 2.80 | 2.27 | 67.61 |  |
| Do-Mor Chick Scratch Feed.....              | G 9.50  | 2.50 | 3.50 | 60.00 |  |
| 35-6-20.....                                | F 12.00 | 2.92 | 1.76 | 69.12 |  |
| Always-A-Head All-Mash.....                 | G 16.00 | 4.00 | 4.50 | 48.00 |  |
| 35-6-21 <sup>9,10</sup> .....               | F 18.19 | 4.23 | 4.45 | 53.13 |  |
| Always-A-Head Starting Mash.....            | G 18.50 | 4.00 | 4.50 | 45.00 |  |
| 35-6-22.....                                | F 21.06 | 4.59 | 2.13 | 52.61 |  |
| Always-A-Head 18 % Protein Laying Mash..... | G 18.00 | 4.00 | 6.50 | 45.00 |  |
| 35-6-23.....                                | F 20.00 | 4.22 | 4.89 | 50.40 |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |        |       |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------|-------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |        |       |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E. |       |
| Do-Mor Special Horse and Mule Feed.....                                                   | G                 | 5.50           | 1.50          | 15.00  | 40.00 |
| 35-6-35.....                                                                              | F                 | 7.72           | 2.71          | 13.20  | 52.08 |
| Do-Mor 85-Horse and Mule Feed.....                                                        | G                 | 9.00           | 2.00          | 15.00  | 40.00 |
| 35-6-36.....                                                                              | F                 | 9.62           | 3.16          | 5.21   | 63.41 |
| Cock-O-The Walk Scratch Feed.....                                                         | G                 | 9.00           | 2.50          | 3.50   | 60.00 |
| 35-6-199.....                                                                             | F                 | 11.69          | 3.25          | 2.74   | 67.49 |
| Do-Mor Chick Scratch Feed.....                                                            | G                 | 9.50           | 2.50          | 3.50   | 60.00 |
| 35-6-200.....                                                                             | F                 | 12.94          | 3.09          | 1.66   | 67.59 |
| Do-Mor 85-Horse and Mule Feed.....                                                        | G                 | 9.00           | 2.00          | 15.00  | 40.00 |
| 35-6-232.....                                                                             | F                 | 9.40           | 2.87          | 5.74   | 57.32 |
| Do-Mor Scratch Feed.....                                                                  | G                 | 9.00           | 2.50          | 3.50   | 60.00 |
| 35-6-233.....                                                                             | F                 | 11.44          | 2.85          | 3.01   | 66.56 |
| Always-A-Head Polished Cracked Corn.....                                                  | G                 | 9.00           | 3.00          | 2.50   | 60.00 |
| 35-6-235.....                                                                             | F                 | 10.88          | 3.72          | 1.99   | 66.66 |
| Do-Mor 16 % Protein Dairy Feed.....                                                       | G                 | 16.00          | 2.50          | 16.00  | 45.00 |
| 35-6-236.....                                                                             | F                 | 11.47          | 2.68          | 15.57  | 45.01 |
| Do-Mor Chick Scratch Feed.....                                                            | G                 | 9.50           | 2.50          | 3.50   | 60.00 |
| 35-9-134.....                                                                             | F                 | 13.06          | 1.60          | 2.07   | 66.99 |
| Always-A-Head Farm Formula Laying Mash.....                                               | G                 | 18.00          | 4.00          | 7.00   | 45.00 |
| 35-9-136.....                                                                             | F                 | 20.25          | 4.75          | 4.60   | 51.16 |
| Always-A-Head All-Mash.....                                                               | G                 | 16.00          | 4.00          | 4.50   | 48.00 |
| 35-9-139 <sup>9</sup> .....                                                               | F                 | 18.00          | 2.98          | 4.24   | 54.43 |
| Do-Mor 85-Horse and Mule Feed.....                                                        | G                 | 9.00           | 2.00          | 15.00  | 40.00 |
| 35-9-144.....                                                                             | F                 | 9.38           | 2.62          | 8.20   | 56.04 |
| Cock-O-The Walk Scratch Feed.....                                                         | G                 | 9.00           | 2.50          | 3.50   | 60.00 |
| 35-9-147.....                                                                             | F                 | 11.25          | 3.36          | 2.78   | 68.47 |
| Always-A-Head Poultry Fattening Feed.....                                                 | G                 | 13.00          | 4.50          | 6.00   | 55.00 |
| 35-9-148 <sup>13</sup> .....                                                              | F                 | 15.19          | 4.50          | 6.41   | 55.99 |
| <b>Americus Milling Co., Americus, Mo.</b>                                                |                   |                |               |        |       |
| Soft Wheat White Shorts.....                                                              | G                 | 13.00          | 2.50          | 3.50   | 60.00 |
| 35-2-226.....                                                                             | F                 | 14.25          | 2.73          | 2.27   | 67.28 |
| Soft Wheat Bran.....                                                                      | G                 | 14.50          | 3.00          | 11.00  | 50.00 |
| 35-2-227.....                                                                             | F                 | 16.75          | 3.30          | 8.06   | 54.87 |
| Soft Wheat Mixed Feed and Ground Wheat Screenings<br>not Exceeding Mill-Run.....          | G                 | 14.50          | 3.00          | 8.50   | 55.00 |
| 35-2-230 <sup>9,22</sup> .....                                                            | F                 | 15.00          | 3.11          | 4.96   | 61.34 |
| <b>Anchor Milling Co., Tuscumbia, Mo.</b>                                                 |                   |                |               |        |       |
| Wheat and Corn Bran.....                                                                  | G                 | 13.00          | 5.00          | 10.00  | 56.00 |
| 35-9-249.....                                                                             | F                 | 16.56          | 3.84          | 9.31   | 52.87 |
| Gray Wheat Shorts.....                                                                    | G                 | 16.00          | 4.20          | 4.50   | 61.50 |
| 35-9-250.....                                                                             | F                 | 17.31          | 4.15          | 6.84   | 56.44 |
| <b>Anheuser-Busch, Inc., St. Louis, Mo.</b>                                               |                   |                |               |        |       |
| Anheuser-Busch Brand Corn Gluten Feed.....                                                | G                 | 25.00          | 2.00          | 8.50   | 50.00 |
| 35-6-24.....                                                                              | F                 | 28.94          | 2.11          | 7.07   | 46.76 |
| Budweiser Brewers Dried Grains.....                                                       | G                 | 20.00          | 5.00          | 20.00  | 40.00 |
| 35-12-5.....                                                                              | F                 | 23.31          | 7.74          | 16.44  | 40.41 |
| Anheuser-Busch Brand Corn Oil Cake Meal.....                                              | G                 | 18.00          | 8.00          | 11.00  | 45.00 |
| 35-12-199.....                                                                            | F                 | 21.06          | 9.77          | 9.86   | 47.37 |
| Anheuser-Busch Brand Corn Gluten Feed.....                                                | G                 | 25.00          | 2.00          | 8.50   | 50.00 |
| 35-12-200.....                                                                            | F                 | 28.50          | 2.66          | 6.98   | 50.28 |
| <b>Arcady Farms Milling Co., Chicago, Ill.</b>                                            |                   |                |               |        |       |
| Wonderfat Station Feed.....                                                               | G                 | 12.50          | 4.50          | 6.00   | 59.00 |
| 35-8-187 <sup>4,5</sup> .....                                                             | F                 | 14.00          | 4.94          | 5.67   | 61.31 |
| <b>Arcadia Feed Mills, St. Louis, Mo.</b>                                                 |                   |                |               |        |       |
| Arcadia 20 % Protein Lay Mash.....                                                        | G                 | 20.00          | 4.00          | 6.00   | 45.00 |
| 35-9-93.....                                                                              | F                 | 20.94          | 4.62          | 4.70   | 48.01 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)              |   | Chemical Analyses |                |           |                  |
|--------------------------------------------------------------------------------------------------------|---|-------------------|----------------|-----------|------------------|
|                                                                                                        |   | % Protein         | Guaranteed (G) | Found (F) | Fat Fiber N.F.E. |
| <b>Archer Daniels Midland Co., Minneapolis, Minn.</b>                                                  |   |                   |                |           |                  |
| 37 % Protein Old Process Linseed Meal.....                                                             | G | 37.00             | 4.50           | 9.00      | 32.00            |
| 35-2-90.....                                                                                           | F | 41.00             | 6.08           | 7.20      | 30.41            |
| 37 % Protein Old Process Linseed Meal.....                                                             | G | 37.00             | 4.50           | 9.00      | 32.00            |
| 35-7-146 <sup>3</sup> .....                                                                            | F | 39.88             | 5.09           | 6.53      | 33.50            |
| 37 % Protein Old Process Linseed Meal.....                                                             | G | 37.00             | 4.50           | 9.00      | 32.00            |
| 35-10-248.....                                                                                         | F | 40.88             | 4.93           | 7.40      | 32.21            |
| <b>Arkansas City Flour Mills Co., Successors to Kansas<br/>Mill and Elev. Co., Arkansas City, Kan.</b> |   |                   |                |           |                  |
| Gray Wheat Shorts with Ground Wheat Screenings,<br>not to Exceed 8 %.....                              | G | 16.00             | 3.50           | 6.00      | 55.00            |
| 35-7-164 <sup>3,7</sup> .....                                                                          | F | 18.94             | 3.98           | 6.60      | 55.35            |
| Gray Wheat Shorts With Ground Wheat Screenings,<br>not to Exceed 8 %.....                              | G | 16.00             | 3.50           | 6.00      | 55.00            |
| 35-12-3.....                                                                                           | F | 17.88             | 5.88           | 7.68      | 54.29            |
| <b>Arma Elevator Co., Arma, Kan.</b>                                                                   |   |                   |                |           |                  |
| Masquelier Special Dairy Feed.....                                                                     | G | 15.00             | 3.50           | 18.00     | 45.00            |
| 35-8-12 <sup>7,13,14</sup> .....                                                                       | F | 15.06             | 3.42           | 10.77     | 50.88            |
| Log Cabin Chick Grain.....                                                                             | G | 10.00             | 2.50           | 4.00      | 64.00            |
| 35-8-13 <sup>4,5,17</sup> .....                                                                        | F | 11.81             | 2.83           | 1.88      | 70.33            |
| Log Cabin Screened Cracked Corn.....                                                                   | G | 9.00              | 3.50           | 3.50      | 65.00            |
| 35-8-14 <sup>7</sup> .....                                                                             | F | 9.56              | 3.05           | 1.85      | 68.81            |
| Hi-Lo Laying Mash.....                                                                                 | G | 16.00             | 3.50           | 6.00      | 44.00            |
| 35-8-15 <sup>7,13,14,17</sup> .....                                                                    | F | 21.63             | 4.19           | 6.14      | 47.00            |
| Hi-Lo Laying Mash.....                                                                                 | G | 16.00             | 3.50           | 6.00      | 44.00            |
| 35-9-219 <sup>7,13,14,16</sup> .....                                                                   | F | 18.13             | 5.22           | 5.42      | 50.74            |
| Log Cabin All Mash Ration.....                                                                         | G | 17.00             | 4.00           | 7.00      | 55.00            |
| 35-9-220 <sup>7,13,14,16</sup> .....                                                                   | F | 18.56             | 4.49           | 6.40      | 52.04            |
| <b>Armour and Co., Chicago, Ill.</b>                                                                   |   |                   |                |           |                  |
| Armour's Meat Meal Digester Tankage.....                                                               | G | 60.00             | 6.00           | 3.00      | 0.00             |
| 35-2-91.....                                                                                           | F | 58.82             | 9.93           | 0.88      | 0.14             |
| Armour's Meat and Bone Scraps.....                                                                     | G | 50.00             | 6.00           | 3.00      | 0.00             |
| 35-3-89.....                                                                                           | F | 50.19             | 13.90          | 2.51      | 1.18             |
| M. F. A. Digester Tankage.....                                                                         | G | 60.00             | 6.00           | 3.00      | 0.00             |
| 35-3-93.....                                                                                           | F | 59.63             | 7.59           | 0.87      | 2.63             |
| Armour's Meat and Bone Scraps.....                                                                     | G | 50.00             | 6.00           | 3.00      | 0.00             |
| 35-3-128.....                                                                                          | F | 55.44             | 11.84          | 1.64      | 0.00             |
| Armour's Meat Meal Digester Tankage.....                                                               | G | 60.00             | 6.00           | 3.00      | 0.00             |
| 35-3-129.....                                                                                          | F | 58.06             | 8.09           | 1.37      | 0.99             |
| Armour's Meat and Bone Scraps.....                                                                     | G | 50.00             | 6.00           | 3.00      | 0.00             |
| 35-9-156.....                                                                                          | F | 51.50             | 14.33          | 2.42      | 0.42             |
| M. F. A. Digester Tankage.....                                                                         | G | 60.00             | 6.00           | 3.00      | 0.00             |
| 35-12-178.....                                                                                         | F | 61.56             | 7.14           | 1.20      | 1.17             |
| M. F. A. Meat and Bone Scraps.....                                                                     | G | 50.00             | 6.00           | 3.00      | 0.00             |
| 35-12-179.....                                                                                         | F | 50.06             | 11.70          | 1.21      | 1.84             |
| <b>M. F. Arnold, Butler, Mo.</b>                                                                       |   |                   |                |           |                  |
| Eagle Dairy Feed.....                                                                                  | G | 16.00             | 3.50           | 14.00     | 46.00            |
| 35-9-17 <sup>4,5,8,9</sup> .....                                                                       | F | 12.34             | 3.13           | 10.93     | 52.48            |
| Eagle Egg Mash.....                                                                                    | G | 18.00             | 4.50           | 8.00      | 46.00            |
| 35-9-18 <sup>9</sup> .....                                                                             | F | 19.81             | 4.67           | 5.54      | 49.15            |
| Just Right Screened Corn Chop.....                                                                     | G | 9.00              | 3.00           | 3.50      | 70.00            |
| 35-9-19 <sup>24</sup> .....                                                                            | F | 9.44              | 2.23           | 1.78      | 71.16            |
| Just Right Egg Mash.....                                                                               | G | 19.00             | 4.00           | 5.00      | 46.00            |
| 35-9-20 <sup>4,5</sup> .....                                                                           | F | 19.06             | 4.17           | 4.61      | 51.25            |
| Eagle Chick Starter.....                                                                               | G | 14.00             | 3.50           | 4.00      | 57.00            |
| 35-9-21.....                                                                                           | F | 17.25             | 4.61           | 4.00      | 54.80            |
| Just Right Chick Starter.....                                                                          | G | 18.00             | 4.00           | 5.00      | 52.00            |
| 35-9-22.....                                                                                           | F | 19.63             | 4.80           | 4.41      | 50.85            |
| Just Right Growing Mash.....                                                                           | G | 16.00             | 4.00           | 5.00      | 55.00            |
| 35-9-23.....                                                                                           | F | 17.50             | 4.34           | 3.40      | 53.31            |
| Just Right Egg Mash.....                                                                               | G | 19.00             | 4.00           | 5.00      | 46.00            |
| 35-11-58.....                                                                                          | F | 22.81             | 5.71           | 5.72      | 44.92            |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |          |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|----------|
|                                                                                           | Protein                                             | Fat  | Fiber | N. F. E. |
| Just Right Growing Mash.....                                                              | G 16.00                                             | 4.00 | 5.00  | 55.00    |
| 35-11-59 <sup>4,5,8,9</sup> .....                                                         | F 17.88                                             | 5.27 | 4.83  | 51.90    |
| Just Right Chick Starter.....                                                             | G 18.00                                             | 4.00 | 5.00  | 52.00    |
| 35-11-60 <sup>4,5</sup> .....                                                             | F 22.44                                             | 5.94 | 6.04  | 45.30    |
| Eagle Egg Mash.....                                                                       | G 18.00                                             | 4.50 | 8.00  | 46.00    |
| 35-11-61 <sup>9</sup> .....                                                               | F 22.63                                             | 5.19 | 6.28  | 45.98    |
| <b>Ash Grove Farmers Exchange, Ash Grove, Mo.</b>                                         |                                                     |      |       |          |
| The Missouri Formula Laying Mash.....                                                     | G 20.00                                             | 3.50 | 6.50  | 45.00    |
| 35-3-6 <sup>7,18,22</sup> .....                                                           | F 20.69                                             | 6.63 | 5.10  | 46.91    |
| The Missouri Formula Laying Mash With Buttermilk.....                                     | G 20.00                                             | 3.50 | 6.50  | 45.00    |
| 35-3-7 <sup>7,18,22</sup> .....                                                           | F 26.94                                             | 6.35 | 4.40  | 42.32    |
| The Missouri Formula Growing Mash.....                                                    | G 17.00                                             | 3.50 | 6.00  | 46.00    |
| 35-3-8 <sup>7,18,22,23</sup> .....                                                        | F 20.13                                             | 6.30 | 5.09  | 48.83    |
| The Missouri Formula—Growing Mash.....                                                    | G 17.00                                             | 3.50 | 6.00  | 46.00    |
| 35-11-47 <sup>7,18</sup> .....                                                            | F 19.50                                             | 5.07 | 4.99  | 49.91    |
| The Missouri Formula—Laying Mash.....                                                     | G 20.00                                             | 3.50 | 6.50  | 45.00    |
| 35-11-48 <sup>7,18</sup> .....                                                            | F 22.63                                             | 5.44 | 5.06  | 47.73    |
| The Missouri Formula—Laying Mash With Butter-<br>milk.....                                | G 20.00                                             | 3.50 | 6.50  | 45.00    |
| 35-11-49 <sup>3,18</sup> .....                                                            | F 22.50                                             | 5.05 | 5.65  | 47.78    |
| <b>Associated Feed Mills, St. Louis, Mo.</b>                                              |                                                     |      |       |          |
| A. F. M. Brand Dairy Feed.....                                                            | G 18.00                                             | 3.50 | 11.00 | 48.00    |
| 35-1-130 <sup>9</sup> .....                                                               | F 19.00                                             | 7.46 | 8.30  | 50.93    |
| <b>Atlanta Grain and Elev. Co., Atlanta, Mo.</b>                                          |                                                     |      |       |          |
| Atlanta's Best 18 % Laying Mash.....                                                      | G 18.00                                             | 4.50 | 6.00  | 50.00    |
| 35-5-101.....                                                                             | F 21.44                                             | 4.35 | 4.85  | 48.00    |
| <b>Avenue Feed Mill, St. Joseph, Mo.</b>                                                  |                                                     |      |       |          |
| Cracked Corn Screened.....                                                                | G 9.00                                              | 4.00 | 3.00  | 67.00    |
| 35-10-33.....                                                                             | F 9.13                                              | 4.91 | 1.97  | 71.07    |
| <b>Baker Brothers, Madison, Mo.</b>                                                       |                                                     |      |       |          |
| Missouri Formula Egg Mash.....                                                            | G 20.00                                             | 3.50 | 7.00  | 45.00    |
| 35-4-70 <sup>8,22</sup> .....                                                             | F 20.47                                             | 5.94 | 4.56  | 49.30    |
| <b>Baldwin Produce Co., Appleton City, Mo.</b>                                            |                                                     |      |       |          |
| Baby Chick Growing Mash, Missouri State Formula.....                                      | G 17.00                                             | 3.25 | 6.00  | 45.00    |
| 35-11-106.....                                                                            | F 21.06                                             | 5.78 | 4.70  | 47.74    |
| Laying Mash, Missouri State Formula.....                                                  | G 20.00                                             | 4.00 | 6.00  | 45.00    |
| 35-11-107.....                                                                            | F 20.81                                             | 5.06 | 5.85  | 47.66    |
| <b>Ball and Gunning Milling Co., Webb City, Mo.</b>                                       |                                                     |      |       |          |
| Golden Gate Special Mixed Feed.....                                                       | G 13.00                                             | 3.50 | 9.50  | 48.50    |
| 35-7-206 <sup>18</sup> .....                                                              | F 16.31                                             | 5.36 | 7.94  | 53.45    |
| Golden Gate Hen Scratch.....                                                              | G 10.00                                             | 3.00 | 5.00  | 55.00    |
| 35-7-207 <sup>18</sup> .....                                                              | F 11.00                                             | 3.97 | 2.35  | 70.03    |
| B & G All Mash.....                                                                       | G 16.00                                             | 4.00 | 4.00  | 53.00    |
| 35-7-208 <sup>4,5,13,18</sup> .....                                                       | F 17.06                                             | 7.69 | 4.27  | 53.67    |
| B & G Dairy Feed.....                                                                     | G 18.50                                             | 3.50 | 9.50  | 48.50    |
| 35-7-209 <sup>13</sup> .....                                                              | F 18.25                                             | 5.40 | 8.68  | 53.12    |
| B & G Laying Mash.....                                                                    | G 15.75                                             | 3.50 | 10.00 | 53.00    |
| 35-7-210 <sup>13</sup> .....                                                              | F 19.63                                             | 5.82 | 6.56  | 51.06    |
| Golden Gate Chick Feed.....                                                               | G 10.00                                             | 3.00 | 5.00  | 60.00    |
| 35-7-211.....                                                                             | F 12.00                                             | 5.46 | 1.52  | 68.79    |
| Graded (or Screened) Corn Chop.....                                                       | G 9.00                                              | 3.00 | 3.50  | 66.50    |
| 35-7-212.....                                                                             | F 9.06                                              | 3.70 | 1.90  | 72.61    |
| Medium Screened Corn Chop.....                                                            | G 9.00                                              | 3.00 | 3.50  | 66.50    |
| 35-7-213.....                                                                             | F 9.44                                              | 3.57 | 1.21  | 74.16    |
| Pin Head Screened Corn Chop.....                                                          | G 9.00                                              | 3.00 | 3.50  | 66.50    |
| 35-7-214.....                                                                             | F 11.13                                             | 6.89 | 1.27  | 67.91    |
| B & G All Mash.....                                                                       | G 16.00                                             | 4.00 | 4.00  | 53.00    |
| 35-11-160 <sup>4,5,11,13</sup> .....                                                      | F 16.25                                             | 7.18 | 4.04  | 56.16    |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |       |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|-------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N.F.E. |
| B & G Dairy Feed.....                                                                     | G                              | 18.50   | 3.50  | 9.50 48.50   |
| 35-11-161 <sup>13</sup> .....                                                             | F                              | 18.56   | 5.26  | 8.34 54.34   |
| B & G Laying Mash.....                                                                    | G                              | 15.75   | 3.50  | 10.00 53.00  |
| 35-11-162 <sup>13</sup> .....                                                             | F                              | 18.31   | 5.45  | 7.09 53.37   |
| Golden Gate Special Mixed Feed.....                                                       | G                              | 13.00   | 3.50  | 9.50 48.50   |
| 35-11-163 <sup>18</sup> .....                                                             | F                              | 15.13   | 4.51  | 9.22 53.64   |
| Golden Gate Hen Scratch.....                                                              | G                              | 10.00   | 3.00  | 5.00 55.00   |
| 35-11-164 <sup>18</sup> .....                                                             | F                              | 11.13   | 3.38  | 2.04 70.37   |
| <b>Banfield Bros. Packing Co., Inc., Tulsa, Okla.</b>                                     |                                |         |       |              |
| Golden Egg Brand Meat Scraps for Poultry.....                                             | G                              | 50.00   | 10.00 | 2.50 6.50    |
| 35-3-2.....                                                                               | F                              | 41.83   | 18.49 | 2.14 3.35    |
| Golden Egg Brand Meat Scraps.....                                                         | G                              | 50.00   | 10.00 | 2.50 6.50    |
| 35-3-197 <sup>3,29</sup> .....                                                            | F                              | 44.69   | 16.31 | 2.75 1.12    |
| Golden Egg Brand Meat Scraps.....                                                         | G                              | 50.00   | 10.00 | 2.50 6.50    |
| 35-9-202 <sup>3</sup> .....                                                               | F                              | 40.82   | 12.64 | 6.74 5.42    |
| Golden Egg Brand Meat Scraps.....                                                         | G                              | 50.00   | 10.00 | 2.50 6.50    |
| 35-11-9 <sup>3</sup> .....                                                                | F                              | 42.00   | 17.96 | 1.37 2.14    |
| Golden Egg Meat Scraps.....                                                               | G                              | 50.00   | 6.00  | 1.00 4.00    |
| 35-11-10 <sup>3</sup> .....                                                               | F                              | 42.19   | 20.27 | 4.03 5.07    |
| <b>H. N. Barlow Mill &amp; Elev. Co., Wellington, Mo.</b>                                 |                                |         |       |              |
| Barlow's Special Egg Mash.....                                                            | G                              | 17.00   | 3.60  | 8.00 52.00   |
| 35-11-229.....                                                                            | F                              | 18.56   | 6.15  | 5.67 51.37   |
| Barlow's Best Egg Mash.....                                                               | G                              | 19.00   | 4.00  | 7.00 54.00   |
| 35-11-230.....                                                                            | F                              | 19.38   | 6.68  | 6.22 48.35   |
| Barlow's Special Dairy Feed.....                                                          | G                              | 16.00   | 3.00  | 10.00 52.00  |
| 35-11-231.....                                                                            | F                              | 17.50   | 5.55  | 8.70 50.51   |
| Barlow's Best Scratch Grain.....                                                          | G                              | 10.00   | 3.00  | 3.50 63.00   |
| 35-11-232.....                                                                            | F                              | 10.69   | 3.34  | 2.39 70.88   |
| <b>W. D. Bastlan, Alma, Mo.</b>                                                           |                                |         |       |              |
| Our Laying Mash.....                                                                      | G                              | 17.60   | 3.10  | 10.25 43.50  |
| 35-1-151 <sup>9</sup> .....                                                               | F                              | 19.44   | 5.18  | 7.96 47.21   |
| Our Laying Mash.....                                                                      | G                              | 17.60   | 3.10  | 7.50 43.50   |
| 35-11-20 <sup>8</sup> .....                                                               | F                              | 20.38   | 5.23  | 6.15 48.87   |
| <b>Bates City Elev. and Merc. Co., Bates City, Mo.</b>                                    |                                |         |       |              |
| A. B. C. Laying Mash.....                                                                 | G                              | 17.00   | 4.50  | 6.00 56.58   |
| 35-1-145 <sup>7,13,18</sup> .....                                                         | F                              | 17.19   | 4.79  | 5.67 53.26   |
| A. B. C. Laying Mash.....                                                                 | G                              | 17.00   | 4.50  | 6.00 56.58   |
| 35-11-220.....                                                                            | F                              | 18.25   | 5.35  | 7.82 51.96   |
| Missouri All Mash Chick Starter.....                                                      | G                              | 15.00   | 3.00  | 5.00 50.00   |
| 35-11-221.....                                                                            | F                              | 16.00   | 5.71  | 4.87 56.44   |
| Missouri Growing Mash.....                                                                | G                              | 17.00   | 3.50  | 6.00 44.00   |
| 35-11-222.....                                                                            | F                              | 18.19   | 5.88  | 5.70 50.37   |
| <b>W. M. Bauer, Stewartsville, Mo.</b>                                                    |                                |         |       |              |
| Quality Egg Mash.....                                                                     | G                              | 18.00   | 4.00  | 8.00 45.00   |
| 35-10-52 <sup>13</sup> .....                                                              | F                              | 22.50   | 6.49  | 6.73 42.42   |
| <b>Baur Flour Mills Co., St. Louis, Mo.</b>                                               |                                |         |       |              |
| Romeo Pure Wheat Bran Without Screenings.....                                             | G                              | 15.00   | 4.00  | 10.50 50.00  |
| 35-9-142.....                                                                             | F                              | 17.00   | 4.23  | 9.28 51.38   |
| <b>Bay Milling Co., Bay, Mo.</b>                                                          |                                |         |       |              |
| Sunrise Growing Mash.....                                                                 | G                              | 16.00   | 4.50  | 6.00 50.00   |
| 35-5-139.....                                                                             | F                              | 17.31   | 4.79  | 3.68 55.53   |
| Sunrise Starting Mash.....                                                                | G                              | 17.00   | 4.50  | 5.50 45.00   |
| 35-5-140.....                                                                             | F                              | 21.69   | 4.96  | 3.90 51.27   |
| Sunrise Laying Mash.....                                                                  | G                              | 18.00   | 4.50  | 6.00 50.00   |
| 35-5-141.....                                                                             | F                              | 18.13   | 4.35  | 3.20 57.68   |
| <b>C. Becker Milling Co., Red Bud, Ill.</b>                                               |                                |         |       |              |
| Wheat Gray Shorts.....                                                                    | G                              | 16.00   | 4.00  | 6.00 52.00   |
| 35-5-229 <sup>13</sup> .....                                                              | F                              | 16.44   | 6.06  | 5.42 57.27   |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| <b>Berger Flour and Feed Mill, Berger, Mo.</b>                                            |                                |         |      |              |
| Soft Wheat Bran and Ground Wheat Screenings not Exceeding Mill-run.....                   | G                              | 14.50   | 3.50 | 11.00 47.00  |
| 35-5-144.....                                                                             | F                              | 16.19   | 3.57 | 10.57 52.24  |
| Wheat Gray Shorts and Ground Wheat Screenings not Exceeding Mill-run.....                 | G                              | 14.50   | 3.50 | 5.50 55.00   |
| 35-5-145.....                                                                             | F                              | 15.63   | 3.34 | 2.97 62.95   |
| Schowe's Laying Mash.....                                                                 | G                              | 16.00   | 3.50 | 8.50 48.00   |
| 35-5-146 <sup>7,22</sup> .....                                                            | F                              | 17.75   | 4.43 | 6.44 53.44   |
| <b>Bisbee Linseed Co., Philadelphia, Pa.</b>                                              |                                |         |      |              |
| Illinois Brand 30 % Protein Linseed Meal and Flaxseed Screenings Oil Feed.....            | G                              | 30.00   | 5.00 | 10.00 30.00  |
| 35-1-3.....                                                                               | F                              | 31.50   | 6.67 | 8.58 36.55   |
| Bisbee Brand 34 % Protein Pure Old Process Linseed Meal.....                              | G                              | 34.00   | 5.00 | 10.00 30.00  |
| 35-1-140.....                                                                             | F                              | 38.88   | 5.96 | 6.84 31.15   |
| Illinois Brand 30 % Protein Linseed Meal and Flaxseed Screenings Oil Feed.....            | G                              | 30.00   | 5.00 | 10.00 30.00  |
| 35-2-165.....                                                                             | F                              | 32.19   | 5.94 | 9.01 36.87   |
| Bisbee Brand 34 % Protein Pure Old Process Linseed Meal.....                              | G                              | 34.00   | 5.00 | 10.00 30.00  |
| 35-2-191.....                                                                             | F                              | 38.37   | 6.20 | 7.32 32.25   |
| Illinois Brand 30 % Protein Linseed Meal and Flaxseed Screenings Oil Feed.....            | G                              | 30.00   | 5.00 | 10.00 30.00  |
| 35-6-78.....                                                                              | F                              | 33.19   | 6.39 | 8.61 37.19   |
| Illinois Brand 30 % Protein Linseed Meal and Flaxseed Screenings Oil Feed.....            | G                              | 30.00   | 5.00 | 10.00 30.00  |
| 35-12-251.....                                                                            | F                              | 32.00   | 5.24 | 8.62 36.91   |
| Illinois Brand 30 % Protein Linseed Meal and Flaxseed Screenings Oil Feed.....            | G                              | 30.00   | 5.00 | 10.00 30.00  |
| 35-12-252.....                                                                            | F                              | 32.13   | 5.25 | 8.46 36.64   |
| <b>Blackburn Farmers Elev. Co., Blackburn, Mo.</b>                                        |                                |         |      |              |
| King Bee Egg Mash.....                                                                    | G                              | 17.00   | 3.50 | 4.50 54.00   |
| 35-5-72 <sup>10,13,22</sup> .....                                                         | F                              | 20.31   | 4.38 | 5.48 51.33   |
| <b>The Blair Elev. Corp., Atchison, Kan.</b>                                              |                                |         |      |              |
| Valley Laying Mash.....                                                                   | G                              | 18.00   | 3.50 | 8.00 52.00   |
| 35-1-215.....                                                                             | F                              | 18.00   | 5.02 | 6.81 48.16   |
| Blair's Feeding Corn Meal.....                                                            | G                              | 10.00   | 3.70 | 2.90 68.00   |
| 35-1-218 <sup>4,5,10,18</sup> .....                                                       | F                              | 10.88   | 7.07 | 3.24 64.73   |
| Blair's Steel Cut Coarse Screened and Cleaned Yellow Corn Chop.....                       | G                              | 9.00    | 3.50 | 3.50 65.00   |
| 35-1-219 <sup>4,5,18</sup> .....                                                          | F                              | 9.07    | 3.67 | 1.32 72.48   |
| Ajax Mixed Feed.....                                                                      | G                              | 13.00   | 2.50 | 14.00 32.00  |
| 35-2-24.....                                                                              | F                              | 12.81   | 4.05 | 11.94 52.21  |
| Ajax Mixed Feed With Molasses.....                                                        | G                              | 10.00   | 3.00 | 15.00 48.00  |
| 35-4-60 <sup>7,10</sup> .....                                                             | F                              | 8.56    | 2.06 | 17.43 48.63  |
| Valley Laying Mash With Dried Skim Milk and Dicapho.....                                  | G                              | 18.00   | 3.50 | 8.00 52.00   |
| 35-4-232.....                                                                             | F                              | 18.63   | 4.59 | 8.40 47.56   |
| Blair's Chick Size Screened and Cleaned Yellow Corn Chop.....                             | G                              | 9.00    | 3.50 | 3.50 65.00   |
| 35-8-57 <sup>4,5,18</sup> .....                                                           | F                              | 9.06    | 3.75 | 0.87 80.26   |
| Valley Laying Mash with Dried Skim Milk and Dicapho.....                                  | G                              | 18.00   | 3.50 | 8.00 52.00   |
| 35-8-58.....                                                                              | F                              | 19.94   | 4.21 | 8.08 47.53   |
| Certified Station Poultry Fattener.....                                                   | G                              | 15.00   | 4.50 | 6.00 57.00   |
| 35-8-59 <sup>7,11</sup> .....                                                             | F                              | 15.81   | 4.60 | 6.33 59.69   |
| Blair's Feeding Corn Meal.....                                                            | G                              | 10.00   | 3.70 | 2.90 68.00   |
| 35-8-60 <sup>4,5,18</sup> .....                                                           | F                              | 12.19   | 4.50 | 3.01 66.80   |
| Soft Wheat Gray Shorts and Ground Wheat Screenings not Exceeding 5 %.....                 | G                              | 16.00   | 3.50 | 6.00 55.00   |
| 35-8-61.....                                                                              | F                              | 17.75   | 4.66 | 4.82 52.14   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |               |      |         |                  |
|-------------------------------------------------------------------------------------------|-------------------|---------------|------|---------|------------------|
|                                                                                           | % Guaranteed      | (G) and Found | (F)  | Protein | Fat Fiber N.F.E. |
| <b>The Blair Milling Co., Atchison, Kan.</b>                                              |                   |               |      |         |                  |
| Soft Wheat Bran and Ground Wheat Screenings not Exceeding Mill-run.....                   | G                 | 14.50         | 3.50 | 10.00   | 48.00            |
| 35-1-217.....                                                                             | F                 | 17.06         | 4.09 | 8.18    | 52.04            |
| Soft Wheat Bran and Ground Wheat Screenings not Exceeding 8 %.....                        | G                 | 14.50         | 3.50 | 10.00   | 48.00            |
| 35-11-72.....                                                                             | F                 | 15.56         | 4.12 | 9.82    | 52.43            |
| <b>The Blaker Milling Co., Pleasant Hill, Mo.</b>                                         |                   |               |      |         |                  |
| Missouri Egg Mash.....                                                                    | G                 | 20.00         | 5.80 | 5.00    | 48.00            |
| 35-11-223 <sup>4,5</sup> .....                                                            | F                 | 22.00         | 5.85 | 4.99    | 48.54            |
| Screened and Polished Corn Chop.....                                                      | G                 | 8.50          | 3.00 | 2.00    | 72.29            |
| 35-11-224 <sup>4,5,10</sup> .....                                                         | F                 | 9.00          | 4.65 | 1.84    | 73.39            |
| <b>Blue Springs Lumber and Milling Co., Blue Springs, Mo.</b>                             |                   |               |      |         |                  |
| B. S. Laying Mash.....                                                                    | G                 | 14.00         | 4.00 | 6.50    | 55.17            |
| 35-2-76 <sup>22</sup> .....                                                               | F                 | 16.81         | 6.08 | 7.00    | 52.39            |
| B. S. Dairy Feed.....                                                                     | G                 | 14.00         | 2.33 | 9.91    | 50.03            |
| 35-2-77.....                                                                              | F                 | 14.31         | 5.16 | 8.12    | 55.08            |
| B. S. Screened Chops.....                                                                 | G                 | 8.00          | 3.60 | 2.65    | 60.00            |
| 35-2-78.....                                                                              | F                 | 9.88          | 5.19 | 1.79    | 69.67            |
| B. S. Dairy Feed.....                                                                     | G                 | 14.00         | 2.33 | 9.91    | 50.03            |
| 35-9-80.....                                                                              | F                 | 15.00         | 4.27 | 8.18    | 56.80            |
| B. S. Laying Mash.....                                                                    | G                 | 14.00         | 4.00 | 6.50    | 55.17            |
| 35-9-81 <sup>22</sup> .....                                                               | F                 | 16.13         | 4.55 | 6.78    | 55.53            |
| B. S. Screened Corn Chops.....                                                            | G                 | 8.00          | 3.50 | 2.65    | 60.00            |
| 35-9-82.....                                                                              | F                 | 8.81          | 4.26 | 1.88    | 72.07            |
| <b>Blytheville Cotton Oil Co., Blytheville, Ark.</b>                                      |                   |               |      |         |                  |
| 41.25 % Cottonseed Meal.....                                                              | G                 | 41.25         | 7.00 | 10.00   | 27.13            |
| 35-1-50.....                                                                              | F                 | 40.31         | 7.06 | 11.17   | 27.02            |
| 41.25 % Cottonseed Meal.....                                                              | G                 | 41.25         | 7.00 | 10.00   | 27.13            |
| 35-1-96.....                                                                              | F                 | 43.88         | 7.20 | 5.13    | 31.25            |
| 41.25 % Cottonseed Meal.....                                                              | G                 | 41.25         | 7.00 | 10.00   | 27.13            |
| 35-1-129 <sup>7,19</sup> .....                                                            | F                 | 40.50         | 7.88 | 9.17    | 26.48            |
| 41.25 % Protein Cottonseed Meal.....                                                      | G                 | 41.25         | 7.00 | 10.00   | 27.13            |
| 35-2-202 <sup>29</sup> .....                                                              | F                 | 37.94         | 6.43 | 13.35   | 22.41            |
| 41.25 % Protein Cottonseed Meal.....                                                      | G                 | 41.25         | 7.00 | 10.00   | 27.13            |
| 35-4-183 <sup>29</sup> .....                                                              | F                 | 41.63         | 5.97 | 10.06   | 29.37            |
| 41.25 % Protein Cottonseed Meal.....                                                      | G                 | 41.25         | 7.00 | 10.00   | 27.13            |
| 35-6-76 <sup>29</sup> .....                                                               | F                 | 40.00         | 7.06 | 10.82   | 25.82            |
| 43 % Protein Cottonseed Meal.....                                                         | G                 | 43.00         | 6.00 | 10.00   | 26.89            |
| 35-6-107 <sup>7,29</sup> .....                                                            | F                 | 42.94         | 6.25 | 9.86    | 25.82            |
| <b>Bohannon and Son, Richland, Mo.</b>                                                    |                   |               |      |         |                  |
| Laying Mash.....                                                                          | G                 | 17.50         | 3.25 | 7.50    | 49.00            |
| 35-9-4 <sup>9,18,20,23</sup> .....                                                        | F                 | 19.50         | 4.08 | 6.91    | 48.73            |
| Baby Chick Starter.....                                                                   | G                 | 18.00         | 4.00 | 5.50    | 50.00            |
| 35-9-5 <sup>2</sup> .....                                                                 | F                 | 20.94         | 4.68 | 5.20    | 49.30            |
| <b>Bollinger County Milling Co., Zalma, Mo.</b>                                           |                   |               |      |         |                  |
| Soft Wheat Gray Shorts with Ground Wheat Screenings not Exceeding Mill-run.....           | G                 | 16.00         | 3.50 | 6.00    | 55.00            |
| 35-4-140 <sup>7,8,9</sup> .....                                                           | F                 | 15.00         | 3.70 | 4.00    | 62.26            |
| <b>Boone County Milling Co., Columbia, Mo.</b>                                            |                   |               |      |         |                  |
| Full Value Dairy Feed.....                                                                | G                 | 16.00         | 3.25 | 7.50    | 50.00            |
| 35-4-217 <sup>7,13</sup> .....                                                            | F                 | 18.88         | 4.89 | 6.54    | 53.88            |
| Pure Gray Wheat Shorts.....                                                               | G                 | 15.00         | 3.50 | 5.50    | 50.00            |
| 35-4-218.....                                                                             | F                 | 17.56         | 4.63 | 4.52    | 60.16            |
| Full Value Egg Mash.....                                                                  | G                 | 17.00         | 3.50 | 8.00    | 45.00            |
| 35-4-219 <sup>8</sup> .....                                                               | F                 | 19.25         | 5.63 | 6.15    | 49.17            |
| Red Ring Laying Mash with Buttermilk.....                                                 | G                 | 18.00         | 4.00 | 7.25    | 45.00            |
| 35-4-220.....                                                                             | F                 | 20.81         | 4.24 | 6.48    | 50.80            |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| Money Savr Laying Mash.....                                                               | G 17.00                        | 3.50 | 8.00  | 45.00  |
| 35-4-221.....                                                                             | F 18.75                        | 5.38 | 6.44  | 49.26  |
| Full Value Egg Mash.....                                                                  | G 17.00                        | 3.50 | 8.00  | 45.00  |
| 35-11-92 <sup>8</sup> .....                                                               | F 19.75                        | 5.00 | 5.45  | 52.29  |
| Full Value Dairy Feed.....                                                                | G 16.00                        | 3.25 | 7.50  | 50.00  |
| 35-11-93 <sup>7,8,13</sup> .....                                                          | F 18.00                        | 4.97 | 7.43  | 52.80  |
| All Purpose Dairy Feed.....                                                               | G 16.00                        | 5.50 | 12.00 | 45.00  |
| 35-11-94 <sup>8,22</sup> .....                                                            | F 17.06                        | 4.13 | 7.74  | 55.41  |
| Red Ring Laying Mash with Buttermilk.....                                                 | G 18.00                        | 4.00 | 7.25  | 45.00  |
| 35-11-95 <sup>13</sup> .....                                                              | F 20.25                        | 4.83 | 5.89  | 50.13  |
| Pure Gray Wheat Shorts.....                                                               | G 15.00                        | 3.50 | 5.50  | 50.00  |
| 35-11-96.....                                                                             | F 17.31                        | 4.04 | 4.01  | 60.14  |

**Boonville Mills Co., Boonville, Mo.**

|                                                                                            |         |      |       |       |
|--------------------------------------------------------------------------------------------|---------|------|-------|-------|
| Wheat Bran with Wheat Scourings.....                                                       | G 14.50 | 3.00 | 10.50 | 53.50 |
| 35-2-117 <sup>4,5,18</sup> .....                                                           | F 15.88 | 3.32 | 10.61 | 51.04 |
| Wheat Gray Shorts with Ground Wheat Screenings<br>not Exceeding 8 %.....                   | G 16.00 | 4.00 | 6.00  | 57.00 |
| 35-2-118 <sup>7,13</sup> .....                                                             | F 17.88 | 5.05 | 6.00  | 54.53 |
| Wheat Mixed Feed (Mill-run) with Ground Wheat<br>Screenings, not Exceeding 8 %.....        | G 15.50 | 3.50 | 8.50  | 55.00 |
| 35-2-119 <sup>4,5,13,18</sup> .....                                                        | F 17.50 | 3.92 | 7.68  | 51.83 |
| Chicken Dinner Egg Mash.....                                                               | G 15.00 | 3.50 | 6.50  | 52.00 |
| 35-2-120.....                                                                              | F 18.63 | 5.13 | 5.45  | 52.20 |
| Red Head Laying Mash (also Growing Mash).....                                              | G 17.50 | 4.25 | 4.50  | 57.00 |
| 35-2-121.....                                                                              | F 20.63 | 5.98 | 4.81  | 50.60 |
| Red Head Hen Scratch.....                                                                  | G 10.00 | 3.00 | 3.00  | 68.00 |
| 35-2-122.....                                                                              | F 12.44 | 3.32 | 1.92  | 69.88 |
| Boonville Hog Fattener.....                                                                | G 11.00 | 5.00 | 4.50  | 63.50 |
| 35-2-123.....                                                                              | F 14.00 | 3.15 | 4.10  | 65.95 |
| Boonville Dairy Feed.....                                                                  | G 12.50 | 4.00 | 9.50  | 55.00 |
| 35-2-124 <sup>9</sup> .....                                                                | F 14.63 | 5.59 | 6.44  | 54.68 |
| Boonville Dairy Feed.....                                                                  | G 12.50 | 4.00 | 9.50  | 55.00 |
| 35-4-209.....                                                                              | F 14.63 | 5.05 | 7.72  | 55.58 |
| Wheat Gray Shorts with Ground Wheat Screenings<br>not Exceeding 8 %.....                   | G 16.00 | 4.00 | 6.00  | 57.00 |
| 35-4-210 <sup>7,18</sup> .....                                                             | F 17.88 | 4.81 | 5.09  | 56.61 |
| Boonville Dairy Feed.....                                                                  | G 12.50 | 4.00 | 9.50  | 55.00 |
| 35-5-83.....                                                                               | F 14.56 | 6.22 | 6.33  | 54.95 |
| Chicken Dinner Egg Mash.....                                                               | G 15.00 | 3.50 | 6.50  | 52.00 |
| 35-5-84.....                                                                               | F 18.56 | 4.11 | 4.41  | 55.05 |
| Red Head Chick Mash with Cod Liver Oil and Dried<br>Buttermilk, Starter and Developer..... | G 16.00 | 5.00 | 5.00  | 55.00 |
| 35-5-85 <sup>4,5,11,13</sup> .....                                                         | F 17.75 | 4.71 | 4.38  | 53.05 |
| Red Head Laying Mash (also Growing Mash).....                                              | G 17.50 | 4.25 | 4.50  | 57.00 |
| 35-5-86.....                                                                               | F 19.81 | 4.72 | 3.54  | 52.52 |
| Red Head Baby Chick Scratch (for chicks first 8 weeks)                                     | G 10.00 | 3.00 | 3.00  | 70.00 |
| 35-5-87.....                                                                               | F 13.13 | 3.77 | 2.73  | 66.47 |
| Red Head Big Chick Scratch (for half-grown chicks)                                         | G 10.00 | 3.00 | 4.00  | 67.00 |
| 35-5-88.....                                                                               | F 13.25 | 2.85 | 1.91  | 68.20 |
| Red Head Hen Scratch.....                                                                  | G 10.00 | 3.00 | 3.00  | 68.00 |
| 35-5-89.....                                                                               | F 12.25 | 2.84 | 2.41  | 69.06 |
| Wheat Bran with Wheat Scourings.....                                                       | G 14.50 | 3.00 | 10.00 | 53.50 |
| 35-5-90 <sup>7,18</sup> .....                                                              | F 15.88 | 3.25 | 10.14 | 51.90 |
| Wheat Gray Shorts with Ground Wheat Screenings<br>not Exceeding 8 %.....                   | G 16.00 | 4.00 | 6.00  | 57.00 |
| 35-5-91 <sup>18</sup> .....                                                                | F 16.13 | 3.87 | 4.92  | 57.95 |
| Wheat Mixed Feed (Mill-run) with Ground Wheat<br>Screenings not Exceeding 8 %.....         | G 15.50 | 3.50 | 8.50  | 55.00 |
| 35-5-92 <sup>18</sup> .....                                                                | F 17.06 | 2.78 | 7.68  | 52.58 |
| Boonville Hog Fattener.....                                                                | G 11.00 | 5.00 | 4.50  | 63.50 |
| 35-10-69 <sup>22</sup> .....                                                               | F 13.50 | 2.87 | 2.67  | 65.32 |
| White Wheat Gray Shorts with Ground Wheat<br>Screenings not Exceeding 8 %.....             | G 13.00 | 4.00 | 6.00  | 57.00 |
| 35-11-1.....                                                                               | F 14.00 | 4.45 | 6.71  | 58.78 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |         |                  |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|------------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N.F.E. |
| White Wheat Bran with Wheat Screenings.....                                               | G                 | 12.50          | 3.00          | 10.50   | 53.50            |
| 35-11-2 <sup>7</sup> .....                                                                | F                 | 15.19          | 4.17          | 9.82    | 52.81            |
| Wheat Gray Shorts with Ground Wheat Screenings<br>not Exceeding 8 %.....                  | G                 | 16.00          | 4.00          | 6.00    | 57.00            |
| 35-11-3 <sup>7,18</sup> .....                                                             | F                 | 16.88          | 4.82          | 5.43    | 56.42            |
| Wheat Bran with Wheat Screenings.....                                                     | G                 | 14.50          | 3.00          | 10.50   | 53.50            |
| 35-11-4 <sup>7</sup> .....                                                                | F                 | 19.53          | 4.52          | 13.19   | 44.97            |
| Pea Head Laying Mash (also Growing Mash).....                                             | G                 | 17.50          | 4.25          | 4.50    | 57.00            |
| 35-11-5.....                                                                              | F                 | 19.38          | 6.66          | 5.09    | 50.91            |
| Boonville Dairy Feed.....                                                                 | G                 | 12.50          | 4.00          | 9.50    | 55.00            |
| 35-11-6 <sup>22</sup> .....                                                               | F                 | 13.25          | 4.93          | 5.03    | 61.69            |
| Boonville Hog Fattener.....                                                               | G                 | 11.00          | 5.00          | 4.50    | 63.00            |
| 35-11-7 <sup>22</sup> .....                                                               | F                 | 12.44          | 5.02          | 2.71    | 66.34            |
| Coarse Steel Cut Corn.....                                                                | G                 | 8.00           | 3.00          | 2.50    | 74.00            |
| 35-11-8.....                                                                              | F                 | 9.13           | 3.25          | 1.17    | 73.43            |
| <b>Boston and Sanderson, Bowling Green, Mo.</b>                                           |                   |                |               |         |                  |
| Boston's Egg Mash.....                                                                    | G                 | 17.00          | 4.50          | 7.50    | 45.00            |
| 35-7-11 <sup>9</sup> .....                                                                | F                 | 19.31          | 5.14          | 5.20    | 51.77            |
| Boston Egg Mash.....                                                                      | G                 | 17.00          | 4.50          | 7.50    | 45.00            |
| 35-12-77 <sup>4,5</sup> .....                                                             | F                 | 17.94          | 6.21          | 6.82    | 50.37            |
| <b>Bowman Milling Co., Pocahontas, Mo.</b>                                                |                   |                |               |         |                  |
| Pride of the Flock Hen Feed.....                                                          | G                 | 8.00           | 2.00          | 5.00    | 67.00            |
| 35-4-151 <sup>18</sup> .....                                                              | F                 | 10.63          | 4.51          | 3.25    | 66.96            |
| Pocahontas Corn Chops.....                                                                | G                 | 7.00           | 3.00          | 3.00    | 65.00            |
| 35-4-152 <sup>3</sup> .....                                                               | F                 | 9.94           | 4.62          | 2.20    | 67.87            |
| Pocahontas Hominy Feed.....                                                               | G                 | 9.00           | 6.00          | 10.00   | 58.00            |
| 35-4-153.....                                                                             | F                 | 12.06          | 10.26         | 4.65    | 57.83            |
| Pride of the Flock Laying Mash.....                                                       | G                 | 18.00          | 3.00          | 7.00    | 50.00            |
| 35-4-154 <sup>13,22</sup> .....                                                           | F                 | 20.06          | 4.84          | 4.24    | 53.13            |
| Pocahontas Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run.....   | G                 | 13.00          | 3.00          | 11.00   | 52.00            |
| 35-4-156.....                                                                             | F                 | 14.81          | 4.45          | 7.40    | 57.66            |
| Pocahontas Wheat Gray Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....  | G                 | 13.00          | 3.00          | 5.00    | 60.00            |
| 35-6-191 <sup>22</sup> .....                                                              | F                 | 14.50          | 3.83          | 3.30    | 62.44            |
| Missouri Plan Starting Mash.....                                                          | G                 | 13.00          | 3.00          | 6.00    | 54.00            |
| 35-6-192 <sup>33</sup> .....                                                              | F                 | 15.75          | 5.34          | 3.10    | 55.17            |
| Missouri Plan Growing Mash.....                                                           | G                 | 16.00          | 3.00          | 8.00    | 45.00            |
| 35-6-193 <sup>33</sup> .....                                                              | F                 | 18.38          | 4.09          | 4.93    | 50.79            |
| Pocahontas Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run.....   | G                 | 13.00          | 3.00          | 11.00   | 52.00            |
| 35-6-194.....                                                                             | F                 | 14.00          | 3.11          | 6.20    | 60.66            |
| Pride of the Flock Hen Feed.....                                                          | G                 | 8.00           | 2.00          | 5.00    | 67.00            |
| 35-6-195 <sup>18</sup> .....                                                              | F                 | 11.13          | 2.72          | 3.14    | 68.90            |
| Pocahontas Wheat Bran with Ground Wheat Screen-<br>ings not Exceeding Mill-run.....       | G                 | 13.00          | 3.00          | 11.00   | 51.00            |
| 35-6-196 <sup>18</sup> .....                                                              | F                 | 13.94          | 3.75          | 6.07    | 59.05            |
| Pride of the Flock Laying Mash.....                                                       | G                 | 18.00          | 3.00          | 7.00    | 50.00            |
| 35-6-197 <sup>13,22</sup> .....                                                           | F                 | 21.00          | 4.21          | 5.72    | 49.62            |
| Pocahontas Corn Chops (Screened).....                                                     | G                 | 7.00           | 3.00          | 3.00    | 65.00            |
| 35-6-198 <sup>3,18</sup> .....                                                            | F                 | 13.19          | 3.09          | 1.32    | 68.81            |
| <b>Boyd-Kelso Milling Co., Joplin, Mo.</b>                                                |                   |                |               |         |                  |
| Golden Rule Mixed Feed.....                                                               | G                 | 12.00          | 3.50          | 13.50   | 54.00            |
| 35-7-134 <sup>5</sup> .....                                                               | F                 | 13.38          | 4.10          | 11.30   | 53.51            |
| Golden Rule Egg Mash.....                                                                 | G                 | 17.50          | 4.00          | 7.00    | 48.00            |
| 35-7-135.....                                                                             | F                 | 19.88          | 5.64          | 6.48    | 49.89            |
| Jersey Dairy Feed.....                                                                    | G                 | 17.00          | 4.00          | 10.00   | 51.00            |
| 35-7-136 <sup>2</sup> .....                                                               | F                 | 17.81          | 4.81          | 9.06    | 51.61            |
| Jersey Dairy Feed.....                                                                    | G                 | 17.00          | 4.00          | 10.00   | 51.00            |
| 35-9-240.....                                                                             | F                 | 16.75          | 5.05          | 8.85    | 53.33            |
| Golden Rule Goat Feed.....                                                                | G                 | 10.00          | 3.00          | 11.00   | 57.00            |
| 35-9-242 <sup>1,2</sup> .....                                                             | F                 | 12.13          | 3.20          | 7.30    | 62.23            |

| Manufacturer and Address                                                               |   | Chemical Analyses |                |               |        |
|----------------------------------------------------------------------------------------|---|-------------------|----------------|---------------|--------|
| Brand Name, Laboratory Number                                                          |   | %                 | Guaranteed (G) | and Found (F) |        |
| "Superior" Figures (see Key)                                                           |   | Protein           | Fat            | Fiber         | N.F.E. |
| <b>Breed Milling Co., Garden City, Mo.</b>                                             |   |                   |                |               |        |
| Breed's Missouri Formula Laying Mash.....                                              | G | 20.00             | 3.50           | 6.50          | 44.00  |
| 35-11-212 <sup>7,25</sup> .....                                                        | F | 21.25             | 5.66           | 5.20          | 48.49  |
| Good Luck Laying Mash.....                                                             | G | 17.00             | 4.00           | 9.00          | 51.00  |
| 35-11-213.....                                                                         | F | 19.75             | 6.40           | 6.06          | 46.57  |
| Breed's Missouri Formula Growing Mash.....                                             | G | 17.00             | 3.50           | 6.00          | 46.00  |
| 35-11-214 <sup>7,25</sup> .....                                                        | F | 20.44             | 5.42           | 4.53          | 49.28  |
| <b>Britain and Son, Mt. Vernon, Mo.</b>                                                |   |                   |                |               |        |
| Just Right Egg Mash.....                                                               | G | 18.00             | 4.00           | 8.00          | 44.00  |
| 35-8-53 <sup>7,13</sup> .....                                                          | F | 19.75             | 5.49           | 8.21          | 48.92  |
| Just Right Chick Starter.....                                                          | G | 16.00             | 4.00           | 5.00          | 54.00  |
| 35-8-54 <sup>4,5,13,14,16</sup> .....                                                  | F | 15.19             | 4.30           | 4.69          | 60.69  |
| <b>Browns Buying Station, Wellsville, Mo.</b>                                          |   |                   |                |               |        |
| Brown's Best Laying Mash.....                                                          | G | 18.00             | 4.50           | 6.00          | 50.00  |
| 35-2-246.....                                                                          | F | 18.07             | 5.71           | 5.44          | 52.40  |
| Brown's O. K. Egg Mash.....                                                            | G | 18.00             | 4.50           | 7.00          | 47.00  |
| 35-2-247 <sup>13</sup> .....                                                           | F | 19.69             | 6.11           | 5.77          | 48.60  |
| Brown's Best Starting and Growing Mash.....                                            | G | 16.00             | 4.50           | 6.00          | 50.00  |
| 35-10-109.....                                                                         | F | 17.63             | 4.69           | 4.70          | 54.39  |
| Brown's Best Turkey Growing Mash.....                                                  | G | 21.00             | 3.50           | 6.50          | 40.00  |
| 35-10-110.....                                                                         | F | 24.13             | 6.53           | 5.90          | 42.90  |
| Brown's O. K. Egg Mash.....                                                            | G | 18.00             | 4.50           | 7.00          | 47.00  |
| 35-10-111 <sup>13</sup> .....                                                          | F | 20.69             | 6.54           | 7.06          | 45.02  |
| Brown's Best Laying Mash.....                                                          | G | 18.00             | 4.50           | 6.00          | 50.00  |
| 35-10-112.....                                                                         | F | 21.13             | 4.63           | 5.95          | 49.59  |
| <b>A. Brueggjenjohann and Son, Holsteln, Mo.</b>                                       |   |                   |                |               |        |
| Corn Bran.....                                                                         | G | 7.81              | 3.11           | 10.57         | 64.98  |
| 35-1-249 <sup>7,9</sup> .....                                                          | F | 7.94              | 3.27           | 10.76         | 65.82  |
| <b>Brunswick Feed and Elev. Co., Brunswick, Mo.</b>                                    |   |                   |                |               |        |
| New Missouri Formula All-Mash Chick Starter with<br>Meat Scraps and Cod Liver Oil..... | G | 14.50             | 3.00           | 5.00          | 50.00  |
| 35-8-123 <sup>18</sup> .....                                                           | F | 20.94             | 5.06           | 4.75          | 48.41  |
| New Missouri Formula Laying Mash with Cod Liver<br>Oil.....                            | G | 19.00             | 3.50           | 7.50          | 42.00  |
| 35-8-124 <sup>18,22</sup> .....                                                        | F | 17.48             | 4.60           | 3.72          | 56.30  |
| New Missouri Formula Laying Mash with Cod Liver<br>Oil.....                            | G | 19.00             | 3.50           | 7.50          | 42.00  |
| 35-12-248 <sup>18,22</sup> .....                                                       | F | 19.81             | 5.09           | 4.82          | 51.04  |
| <b>R. S. Buchanan Co., Inc., Perry, Mo.</b>                                            |   |                   |                |               |        |
| Blossom Brand Egg Mash.....                                                            | G | 18.00             | 4.00           | 7.50          | 50.00  |
| 35-10-120 <sup>4,5,14</sup> .....                                                      | F | 19.00             | 4.91           | 7.02          | 49.88  |
| Blossom Brand Growing Mash.....                                                        | G | 17.00             | 3.60           | 6.00          | 54.00  |
| 35-10-121.....                                                                         | F | 19.88             | 4.95           | 4.97          | 48.30  |
| Blossom Brand Egg Mash.....                                                            | G | 18.00             | 4.00           | 7.50          | 50.00  |
| 35-10-250 <sup>4,5,14</sup> .....                                                      | F | 18.94             | 4.80           | 6.47          | 51.04  |
| Blossom Brand Growing Mash.....                                                        | G | 17.00             | 3.60           | 6.00          | 54.00  |
| 35-10-251.....                                                                         | F | 19.31             | 5.15           | 4.95          | 49.30  |
| Blossom Brand Chick Mash.....                                                          | G | 15.00             | 4.50           | 4.50          | 53.00  |
| 35-10-252.....                                                                         | F | 17.50             | 4.81           | 3.67          | 56.50  |
| <b>Buchheit and Unterreiner, Old Appleton, Mo.</b>                                     |   |                   |                |               |        |
| Soft Wheat Bran.....                                                                   | G | 14.00             | 3.30           | 11.00         | 53.00  |
| 35-4-157.....                                                                          | F | 14.56             | 3.54           | 7.76          | 56.97  |
| Pure Soft Wheat Gray Shorts.....                                                       | G | 14.00             | 3.30           | 6.00          | 57.00  |
| 35-4-158 <sup>4,5,18</sup> .....                                                       | F | 14.50             | 4.16           | 2.71          | 63.57  |
| <b>A. T. Buehler Mill, Glen Allen, Mo.</b>                                             |   |                   |                |               |        |
| Wheat Mixed Feed and Ground Wheat Screenings not<br>Exceeding Mill-run.....            | G | 15.00             | 3.50           | 8.50          | 55.00  |
| 35-6-133 <sup>7,10,14</sup> .....                                                      | F | 16.06             | 4.52           | 6.83          | 58.24  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)     | Chemical Analyses |                |               |         |       |       |        |
|-----------------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|-------|-------|--------|
|                                                                                               | %                 | Guaranteed (G) | and Found (F) | Protein | Fat   | Fiber | N.F.E. |
| <b>Buffalo Roller Mills, Buffalo, Mo.</b>                                                     |                   |                |               |         |       |       |        |
| Wheat Mixed Feed with Ground Wheat Screenings<br>not Exceeding Mill-run.....                  | G                 | 15.50          | 3.50          | 7.50    | 56.00 |       |        |
| 35-3-51.....                                                                                  | F                 | 16.06          | 4.12          | 6.79    | 57.26 |       |        |
| <b>Burford and Son, Doniphan, Mo.</b>                                                         |                   |                |               |         |       |       |        |
| Burford's Dairy Feed.....                                                                     | G                 | 15.90          | 3.40          | 9.80    | 46.40 |       |        |
| 35-1-35 <sup>13</sup> .....                                                                   | F                 | 19.69          | 4.95          | 6.05    | 52.80 |       |        |
| Burford's Yellow Screened Corn Chop.....                                                      | G                 | 9.00           | 4.00          | 3.00    | 60.00 |       |        |
| 35-1-36.....                                                                                  | F                 | 9.13           | 5.09          | 2.29    | 69.61 |       |        |
| Burford's Laying Mash.....                                                                    | G                 | 18.50          | 4.80          | 5.90    | 53.30 |       |        |
| 35-1-37 <sup>13</sup> .....                                                                   | F                 | 21.44          | 6.02          | 4.71    | 49.19 |       |        |
| <b>G. C. Busch and Son, Sullivan, Mo.</b>                                                     |                   |                |               |         |       |       |        |
| Busch's Best Starting Mash.....                                                               | G                 | 17.00          | 4.50          | 5.50    | 45.00 |       |        |
| 35-8-205.....                                                                                 | F                 | 17.81          | 4.58          | 3.26    | 54.21 |       |        |
| Busch's Best 18 % Laying Mash.....                                                            | G                 | 18.00          | 4.50          | 6.00    | 50.00 |       |        |
| 35-8-206.....                                                                                 | F                 | 18.13          | 4.03          | 3.40    | 53.88 |       |        |
| <b>Bushong Brothers, Rockbridge, Mo.</b>                                                      |                   |                |               |         |       |       |        |
| Wheat Mixed Feed with Ground Wheat Screenings<br>not Exceeding Mill-run.....                  | G                 | 16.00          | 3.50          | 8.50    | 52.00 |       |        |
| 35-1-199 <sup>2</sup> .....                                                                   | F                 | 16.13          | 3.86          | 5.35    | 59.86 |       |        |
| <b>Cairo Meal and Cake Co., Cairo, Ill.</b>                                                   |                   |                |               |         |       |       |        |
| Miss Cairo Brand 41 % Protein Cottonseed Meal....                                             | G                 | 41.00          | 6.00          | 10.00   | 16.00 |       |        |
| 35-1-124 <sup>3,4,5,6</sup> .....                                                             | F                 | 40.69          | 11.13         | 10.60   | 13.36 |       |        |
| Miss Cairo Brand 41 % Protein Cottonseed Meal....                                             | G                 | 41.00          | 6.00          | 10.00   | 16.00 |       |        |
| 35-2-152 <sup>3,4,5,6</sup> .....                                                             | F                 | 41.25          | 6.47          | 10.22   | 25.90 |       |        |
| Miss Cairo Brand 41 % Protein Cottonseed Meal....                                             | G                 | 41.00          | 6.00          | 10.00   | 16.00 |       |        |
| 35-2-195 <sup>3,4,5,6</sup> .....                                                             | F                 | 41.00          | 6.80          | 9.99    | 25.61 |       |        |
| Miss Cairo Brand 41 % Protein Cottonseed Meal....                                             | G                 | 41.00          | 6.00          | 10.00   | 16.00 |       |        |
| 35-8-239 <sup>2</sup> .....                                                                   | F                 | 40.25          | 6.42          | 11.02   | 27.24 |       |        |
| Miss Cairo Brand Peasize 41 % Protein Cottonseed<br>Cake.....                                 | G                 | 41.00          | 6.00          | 10.00   | 16.00 |       |        |
| 35-8-240 <sup>21</sup> .....                                                                  | F                 | 39.75          | 7.62          | 11.55   | 28.11 |       |        |
| Miss Cairo Brand 41 % Protein Cottonseed Meal....                                             | G                 | 41.00          | 6.00          | 10.00   | 16.00 |       |        |
| 35-9-126 <sup>4,5,6</sup> .....                                                               | F                 | 40.73          | 6.68          | 10.60   | 27.50 |       |        |
| Miss Cairo Brand 41 % Protein Cottonseed Meal....                                             | G                 | 41.00          | 6.00          | 10.00   | 16.00 |       |        |
| 35-12-196 <sup>4,5,6</sup> .....                                                              | F                 | 43.13          | 7.54          | 9.46    | 27.03 |       |        |
| <b>California Produce Co., California Mo.</b>                                                 |                   |                |               |         |       |       |        |
| California Dairy Feed.....                                                                    | G                 | 15.00          | 3.00          | 12.00   | 40.00 |       |        |
| 35-1-29.....                                                                                  | F                 | 17.81          | 4.60          | 5.14    | 56.78 |       |        |
| Ferguson's Egg Mash.....                                                                      | G                 | 20.00          | 3.50          | 7.00    | 46.00 |       |        |
| 35-1-30 <sup>7</sup> .....                                                                    | F                 | 22.25          | 5.35          | 4.66    | 48.74 |       |        |
| Ferguson's Egg Mash.....                                                                      | G                 | 20.00          | 3.50          | 7.00    | 46.00 |       |        |
| 35-5-55 <sup>7</sup> .....                                                                    | F                 | 23.19          | 4.75          | 4.51    | 50.07 |       |        |
| California All-Mash Chick Starter.....                                                        | G                 | 15.00          | 3.00          | 7.00    | 46.00 |       |        |
| 35-5-56 <sup>13</sup> .....                                                                   | F                 | 16.50          | 4.57          | 3.54    | 59.00 |       |        |
| California Dairy Feed.....                                                                    | G                 | 15.00          | 3.00          | 12.00   | 40.00 |       |        |
| 35-5-57.....                                                                                  | F                 | 16.56          | 4.23          | 5.09    | 57.76 |       |        |
| <b>R. T. Campbell Produce, Russellville, Mo.</b>                                              |                   |                |               |         |       |       |        |
| R. T. C. Laying Mash.....                                                                     | G                 | 18.00          | 3.00          | 8.00    | 45.00 |       |        |
| 35-5-93 <sup>13,18</sup> .....                                                                | F                 | 20.06          | 4.25          | 5.57    | 52.23 |       |        |
| <b>Harry Cannelax, Bois D'Arc, Mo.</b>                                                        |                   |                |               |         |       |       |        |
| H. C. Dairy Feed.....                                                                         | G                 | 12.00          | 3.00          | 20.00   | 45.00 |       |        |
| 35-3-187 <sup>2</sup> .....                                                                   | F                 | 14.44          | 3.05          | 14.24   | 50.57 |       |        |
| H. C. Laying Mash.....                                                                        | G                 | 16.00          | 3.50          | 9.00    | 40.00 |       |        |
| 35-3-188 <sup>2</sup> .....                                                                   | F                 | 16.00          | 4.52          | 12.07   | 48.77 |       |        |
| <b>Cannon Valley Milling Co., Minneapolis, Minn.</b>                                          |                   |                |               |         |       |       |        |
| Cannon Valley Wheat Standard Middlings with<br>Ground Wheat Screenings not Exceeding Mill-run | G                 | 16.00          | 4.50          | 9.50    | 50.00 |       |        |
| 35-9-119.....                                                                                 | F                 | 20.38          | 5.57          | 6.85    | 51.48 |       |        |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) |   | Chemical Analyses              |       |       |        |
|-------------------------------------------------------------------------------------------|---|--------------------------------|-------|-------|--------|
|                                                                                           |   | % Guaranteed (G) and Found (F) |       |       |        |
|                                                                                           |   | Protein                        | Fat   | Fiber | N.F.E. |
| <b>Canton Co-op. Elev. Co., Canton, Mo.</b>                                               |   |                                |       |       |        |
| Missouri Formula Laying Mash.....                                                         | G | 20.00                          | 3.50  | 7.00  | 44.00  |
| 35-1-243.....                                                                             | F | 22.75                          | 6.18  | 4.85  | 45.81  |
| Missouri Formula Growing Mash.....                                                        | G | 17.00                          | 3.50  | 6.00  | 44.00  |
| 35-9-160.....                                                                             | F | 19.63                          | 5.49  | 5.94  | 48.70  |
| Missouri Formula Laying Mash.....                                                         | G | 20.00                          | 3.50  | 7.00  | 44.00  |
| 35-9-161 <sup>7</sup> .....                                                               | F | 22.50                          | 5.88  | 5.88  | 46.07  |
| Missouri Formula All-Mash Chick Starter.....                                              | G | 14.50                          | 3.00  | 5.00  | 50.00  |
| 35-9-162 <sup>7,22</sup> .....                                                            | F | 16.50                          | 5.49  | 3.96  | 56.56  |
| Coarse Corn Chops.....                                                                    | G | 9.00                           | 3.50  | 3.50  | 65.00  |
| 35-9-163.....                                                                             | F | 9.94                           | 2.40  | 2.32  | 69.52  |
| <b>Cape County Milling Co., Jackson, Mo.</b>                                              |   |                                |       |       |        |
| Capco Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run.....        | G | 15.00                          | 3.70  | 8.50  | 55.00  |
| 35-1-70 <sup>13,18,22</sup> .....                                                         | F | 16.00                          | 3.91  | 7.10  | 56.10  |
| Capco Brown Wheat Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....      | G | 16.00                          | 3.75  | 7.50  | 55.00  |
| 35-1-118 <sup>13,22</sup> .....                                                           | F | 15.19                          | 3.79  | 5.47  | 57.82  |
| Capco Wheat Bran.....                                                                     | G | 14.50                          | 3.65  | 11.00 | 50.00  |
| 35-1-122.....                                                                             | F | 14.50                          | 4.06  | 9.99  | 51.20  |
| Capco Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run.....        | G | 15.00                          | 3.70  | 8.50  | 55.00  |
| 35-1-125 <sup>13,18,22</sup> .....                                                        | F | 15.00                          | 4.14  | 7.84  | 55.86  |
| Capco Brown Wheat Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....      | G | 16.00                          | 3.75  | 7.50  | 55.00  |
| 35-1-126 <sup>13,22</sup> .....                                                           | F | 17.94                          | 4.57  | 5.34  | 56.18  |
| Capco Brown Wheat Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....      | G | 16.00                          | 3.75  | 7.50  | 55.00  |
| 35-1-132 <sup>13,22</sup> .....                                                           | F | 16.19                          | 4.50  | 5.57  | 56.96  |
| Capco Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run.....        | G | 15.00                          | 3.70  | 8.50  | 55.00  |
| 35-2-153 <sup>13,18,22</sup> .....                                                        | F | 15.75                          | 4.09  | 7.14  | 54.94  |
| Capco Brown Wheat Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....      | G | 16.00                          | 3.75  | 7.50  | 55.00  |
| 35-2-154 <sup>13,22</sup> .....                                                           | F | 15.63                          | 4.81  | 4.99  | 58.07  |
| Capco Wheat Bran.....                                                                     | G | 14.50                          | 3.65  | 11.00 | 50.00  |
| 35-2-155.....                                                                             | F | 14.03                          | 4.16  | 10.62 | 50.59  |
| Capco Wheat Gray Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....       | G | 16.00                          | 3.75  | 7.50  | 55.00  |
| 35-2-173 <sup>4,5,9,13,22</sup> .....                                                     | F | 15.00                          | 3.85  | 6.01  | 59.02  |
| Capco Wheat Bran.....                                                                     | G | 14.50                          | 3.65  | 11.00 | 50.00  |
| 35-2-174 <sup>9</sup> .....                                                               | F | 14.47                          | 3.97  | 10.62 | 51.31  |
| Capco Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run.....        | G | 15.00                          | 3.70  | 8.50  | 55.00  |
| 35-2-175 <sup>4,5,9,13,18</sup> .....                                                     | F | 14.75                          | 3.79  | 6.76  | 58.16  |
| Gold Leaf Laying Mash.....                                                                | G | 18.00                          | 4.50  | 6.00  | 50.00  |
| 35-2-178.....                                                                             | F | 17.88                          | 4.84  | 4.71  | 56.08  |
| Capco Fancy Scratch Feed.....                                                             | G | 9.00                           | 2.00  | 3.00  | 60.00  |
| 35-2-190.....                                                                             | F | 9.50                           | 4.44  | 2.13  | 70.73  |
| Capco Hominy Feed and Corn Screenings not Ex-<br>ceeding Mill-run.....                    | G | 9.50                           | 7.00  | 8.00  | 60.00  |
| 35-2-193 <sup>4,5</sup> .....                                                             | F | 11.44                          | 10.17 | 8.28  | 55.84  |
| Capco Brown Wheat Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....      | G | 16.00                          | 3.75  | 7.50  | 55.00  |
| 35-4-144 <sup>13</sup> .....                                                              | F | 15.81                          | 4.16  | 5.84  | 57.21  |
| Capco Wheat Bran.....                                                                     | G | 14.50                          | 3.65  | 11.00 | 50.00  |
| 35-4-145.....                                                                             | F | 14.22                          | 3.79  | 10.23 | 52.98  |
| Capco Brown Wheat Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....      | G | 16.00                          | 3.75  | 7.50  | 55.00  |
| 35-4-150 <sup>13</sup> .....                                                              | F | 15.44                          | 3.87  | 6.92  | 57.71  |
| Capco Brown Wheat Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....      | G | 16.00                          | 3.75  | 7.50  | 55.00  |
| 35-4-167 <sup>13,22</sup> .....                                                           | F | 15.81                          | 3.89  | 5.34  | 59.19  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| Capco Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill-run.....           | G 15.00                        | 3.70 | 8.50  | 55.00  |
| 35-4-169 <sup>13,18,22</sup> .....                                                        | F 15.38                        | 3.91 | 7.13  | 57.03  |
| Capco Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill-run.....           | G 15.00                        | 3.70 | 8.50  | 55.00  |
| 35-6-52 <sup>13,18</sup> .....                                                            | F 15.88                        | 4.26 | 8.36  | 54.01  |
| Capco Wheat Bran.....                                                                     | G 14.50                        | 3.65 | 11.00 | 50.00  |
| 35-6-57.....                                                                              | F 14.75                        | 4.53 | 9.63  | 51.52  |
| Capco Brown Wheat Shorts with Ground Wheat Screenings not Exceeding Mill-run.....         | G 16.00                        | 3.75 | 7.50  | 65.00  |
| 35-6-58 <sup>13,22</sup> .....                                                            | F 17.69                        | 4.91 | 5.40  | 56.12  |
| Capco Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill-run.....           | G 15.00                        | 3.70 | 8.50  | 55.00  |
| 35-6-69 <sup>13,22</sup> .....                                                            | F 15.75                        | 3.70 | 6.61  | 55.92  |
| Capco Wheat Bran.....                                                                     | G 14.50                        | 3.65 | 11.00 | 50.00  |
| 35-6-184.....                                                                             | F 14.81                        | 3.89 | 10.85 | 49.58  |
| Capco Brown Wheat Shorts with Ground Wheat Screenings not Exceeding Mill-run.....         | G 16.00                        | 3.75 | 7.50  | 55.00  |
| 35-6-190 <sup>22</sup> .....                                                              | F 14.79                        | 4.10 | 6.15  | 58.47  |
| Capco Wheat Bran.....                                                                     | G 14.50                        | 3.65 | 11.00 | 50.00  |
| 35-6-202.....                                                                             | F 14.81                        | 4.30 | 9.56  | 50.68  |
| Gold Leaf Laying Mash.....                                                                | G 18.00                        | 4.50 | 6.00  | 50.00  |
| 35-10-146 <sup>9</sup> .....                                                              | F 18.19                        | 5.18 | 5.03  | 49.83  |
| Capco Brown Wheat Shorts with Ground Wheat Screenings not Exceeding Mill-run.....         | G 16.00                        | 3.75 | 7.50  | 55.00  |
| 35-10-158 <sup>13</sup> .....                                                             | F 18.63                        | 4.43 | 4.78  | 56.53  |
| Capco Fancy Feed.....                                                                     | G 12.50                        | 4.00 | 9.00  | 58.00  |
| 35-10-159 <sup>8</sup> .....                                                              | F 14.19                        | 5.51 | 7.28  | 59.20  |
| Capco Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill-run.....           | G 15.00                        | 3.70 | 8.50  | 55.00  |
| 35-10-160.....                                                                            | F 17.31                        | 4.22 | 7.00  | 54.67  |
| Capco Wheat Bran.....                                                                     | G 14.50                        | 3.65 | 11.00 | 50.00  |
| 35-10-163.....                                                                            | F 17.31                        | 2.17 | 10.24 | 51.92  |
| Capco Hominy Feed and Corn Screenings not Exceeding Mill-run.....                         | G 9.50                         | 7.00 | 8.00  | 60.00  |
| 35-10-164 <sup>4,5,9,18</sup> .....                                                       | F 11.81                        | 8.38 | 8.48  | 58.64  |
| <b>Carlson Seed Co., Joplin, Mo.</b>                                                      |                                |      |       |        |
| So-So Dairy Feed.....                                                                     | G 12.00                        | 3.50 | 16.00 | 40.00  |
| 35-4-194.....                                                                             | F 14.88                        | 3.61 | 12.95 | 51.87  |
| Carlson's Grower.....                                                                     | G 17.00                        | 4.00 | 5.00  | 41.00  |
| 35-4-195.....                                                                             | F 19.75                        | 5.19 | 5.80  | 49.64  |
| Carlson's Calf Meal.....                                                                  | G 23.00                        | 3.00 | 3.00  | 50.00  |
| 35-4-196 <sup>5,18</sup> .....                                                            | F 25.50                        | 3.27 | 1.81  | 55.04  |
| Carlson's Starter.....                                                                    | G 15.00                        | 4.00 | 5.00  | 50.00  |
| 35-4-197.....                                                                             | F 16.44                        | 4.43 | 4.49  | 57.10  |
| 1770 Dairy Feed.....                                                                      | G 16.00                        | 3.50 | 12.00 | 47.00  |
| 35-4-198.....                                                                             | F 17.06                        | 3.90 | 11.92 | 49.68  |
| Goat and Rabbit Feed.....                                                                 | G 9.00                         | 3.00 | 20.00 | 30.00  |
| 35-4-199 <sup>5,18</sup> .....                                                            | F 11.75                        | 3.04 | 10.64 | 59.95  |
| Special Laying Mash.....                                                                  | G 17.00                        | 4.00 | 7.00  | 50.00  |
| 35-4-200 <sup>9,13</sup> .....                                                            | F 18.50                        | 5.12 | 6.12  | 51.41  |
| Bunny Scratch.....                                                                        | G 10.00                        | 3.00 | 6.00  | 60.00  |
| 35-4-201.....                                                                             | F 10.50                        | 3.02 | 2.02  | 71.85  |
| B. W. Laying Mash.....                                                                    | G 21.00                        | 4.50 | 7.00  | 40.00  |
| 35-4-202 <sup>13</sup> .....                                                              | F 22.00                        | 5.92 | 6.51  | 44.59  |
| Screened Yellow Chop.....                                                                 | G 9.00                         | 3.50 | 3.00  | 67.00  |
| 35-4-203.....                                                                             | F 9.19                         | 4.10 | 1.88  | 71.85  |
| A. T. S. Hen Feed.....                                                                    | G 11.00                        | 4.00 | 4.00  | 65.00  |
| 35-4-204.....                                                                             | F 10.63                        | 2.67 | 1.91  | 72.99  |
| <b>Carter Elevator, Jasper, Mo.</b>                                                       |                                |      |       |        |
| Just Right All Mash Chick Starter.....                                                    | G 15.00                        | 3.00 | 4.00  | 57.00  |
| 35-8-5, <sup>4,5,13,14,16</sup> .....                                                     | F 16.50                        | 4.00 | 4.82  | 53.39  |
| Carter's Egg Mash.....                                                                    | G 17.00                        | 4.00 | 7.00  | 48.00  |
| 35-8-6 <sup>7</sup> .....                                                                 | F 21.19                        | 4.79 | 5.68  | 44.76  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| Just Right Egg Mash.....                                                                  | G                 | 18.00          | 3.50          | 7.00  | 53.00  |
| 35-8-7 <sup>4,5,13,14,16</sup> .....                                                      | F                 | 20.13          | 4.43          | 6.51  | 43.64  |
| Carter's Dairy Feed.....                                                                  | G                 | 17.00          | 3.25          | 10.00 | 46.00  |
| 35-8-8 <sup>7</sup> .....                                                                 | F                 | 18.13          | 4.20          | 8.74  | 48.14  |
| Steel Cut Corn Chops.....                                                                 | G                 | 9.50           | 3.50          | 3.00  | 70.00  |
| 35-8-9 <sup>4,5</sup> .....                                                               | F                 | 9.50           | 6.71          | 1.86  | 66.18  |
| Carter's Egg Mash.....                                                                    | G                 | 17.00          | 4.00          | 7.00  | 48.00  |
| 35-11-121 <sup>7</sup> .....                                                              | F                 | 19.38          | 4.82          | 5.92  | 50.60  |
| Just Right Egg Mash.....                                                                  | G                 | 18.00          | 3.50          | 7.00  | 53.00  |
| 35-11-122 <sup>4,5,13,14,16</sup> .....                                                   | F                 | 19.38          | 4.52          | 6.99  | 49.75  |
| Carter's Dairy Feed.....                                                                  | G                 | 17.00          | 3.25          | 10.00 | 46.00  |
| 35-11-123 <sup>7</sup> .....                                                              | F                 | 16.69          | 5.02          | 11.14 | 50.64  |
| <b>Carter Feed Milling Co., Odessa, Mo.</b>                                               |                   |                |               |       |        |
| Economy 12 % Dairy Feed.....                                                              | G                 | 12.00          | 2.50          | 12.50 | 50.00  |
| 35-1-148 <sup>8</sup> .....                                                               | F                 | 12.46          | 2.79          | 10.32 | 53.42  |
| Economy No. 2 Chick Scratch.....                                                          | G                 | 10.00          | 3.00          | 3.00  | 65.00  |
| 35-9-54.....                                                                              | F                 | 11.31          | 2.55          | 1.50  | 70.31  |
| Economy Special Growing Mash.....                                                         | G                 | 17.00          | 3.50          | 7.00  | 54.00  |
| 35-10-200 <sup>13</sup> .....                                                             | F                 | 18.69          | 5.07          | 5.96  | 52.21  |
| Economy Egg Mash.....                                                                     | G                 | 18.00          | 3.50          | 7.00  | 54.00  |
| 35-10-201 <sup>13</sup> .....                                                             | F                 | 19.06          | 5.07          | 5.80  | 49.70  |
| Economy Hen Scratch.....                                                                  | G                 | 11.00          | 3.00          | 3.00  | 68.00  |
| 35-10-202 <sup>7</sup> .....                                                              | F                 | 11.25          | 3.70          | 2.21  | 69.40  |
| Economy Emergency Hog Feed.....                                                           | G                 | 17.00          | 4.00          | 8.00  | 55.00  |
| 35-10-203.....                                                                            | F                 | 17.88          | 4.26          | 3.93  | 54.91  |
| Economy No. 2 All Mash Chick Ration.....                                                  | G                 | 16.00          | 4.00          | 6.00  | 52.00  |
| 35-10-204.....                                                                            | F                 | 17.94          | 6.17          | 6.10  | 52.08  |
| Economy Egg Mash with Cod Liver Oil and Dried Skimmilk.....                               | G                 | 20.00          | 4.50          | 6.00  | 47.00  |
| 35-10-205 <sup>7</sup> .....                                                              | F                 | 21.38          | 5.74          | 5.87  | 48.39  |
| Economy 16 % Dairy Ration.....                                                            | G                 | 16.00          | 3.00          | 8.00  | 55.00  |
| 35-10-206 <sup>7</sup> .....                                                              | F                 | 16.31          | 4.07          | 7.20  | 56.71  |
| <b>Carthage Farmers Exchange, Carthage, Mo.</b>                                           |                   |                |               |       |        |
| Victor Egg Mash.....                                                                      | G                 | 18.00          | 5.00          | 8.00  | 40.00  |
| 35-8-2 <sup>5,25</sup> .....                                                              | F                 | 20.69          | 5.21          | 7.40  | 40.48  |
| Rite Good Chick Ration (all Mash).....                                                    | G                 | 15.00          | 4.00          | 7.00  | 55.00  |
| 35-8-3 <sup>4,5,11</sup> .....                                                            | F                 | 16.63          | 4.70          | 4.35  | 50.30  |
| Rite Good Chick Ration (all Mash).....                                                    | G                 | 15.00          | 4.00          | 7.00  | 55.00  |
| 35-11-128 <sup>7,24</sup> .....                                                           | F                 | 16.44          | 4.74          | 4.69  | 55.88  |
| Victor Egg Mash.....                                                                      | G                 | 18.00          | 5.00          | 8.00  | 40.00  |
| 35-11-129.....                                                                            | F                 | 21.06          | 5.17          | 7.82  | 45.33  |
| <b>Central Flour and Feed Co., Sedalla, Mo.</b>                                           |                   |                |               |       |        |
| Missouri Laying Mash.....                                                                 | G                 | 15.00          | 3.50          | 8.00  | 50.00  |
| 35-1-4.....                                                                               | F                 | 15.56          | 5.07          | 4.76  | 51.10  |
| Missouri Hen Feed.....                                                                    | G                 | 9.00           | 2.50          | 3.50  | 68.00  |
| 35-1-5 <sup>7</sup> .....                                                                 | F                 | 10.31          | 7.78          | 1.33  | 68.52  |
| Missouri Hen Feed.....                                                                    | G                 | 9.00           | 2.50          | 3.50  | 68.00  |
| 35-4-134 <sup>7</sup> .....                                                               | F                 | 10.69          | 3.08          | 1.85  | 70.51  |
| Missouri Laying Mash.....                                                                 | G                 | 15.00          | 3.50          | 8.00  | 50.00  |
| 35-4-135.....                                                                             | F                 | 16.44          | 4.90          | 5.12  | 44.59  |
| Missouri Hen Feed.....                                                                    | G                 | 9.00           | 2.50          | 3.50  | 68.00  |
| 35-12-217 <sup>7</sup> .....                                                              | F                 | 11.38          | 2.60          | 1.70  | 71.77  |
| Missouri Laying Mash.....                                                                 | G                 | 15.00          | 3.50          | 8.00  | 50.00  |
| 35-12-218.....                                                                            | F                 | 15.13          | 4.32          | 7.18  | 52.72  |
| <b>Certified Flour and Feed Co., Springfield, Mo.</b>                                     |                   |                |               |       |        |
| "Buddy Boy" Mixed Feed.....                                                               | G                 | 12.00          | 3.25          | 15.00 | 54.00  |
| 35-1-216.....                                                                             | F                 | 12.19          | 4.77          | 14.40 | 49.37  |
| "Buddie Boy" Chick Starter Mash.....                                                      | G                 | 18.00          | 4.00          | 8.00  | 55.00  |
| 35-8-55 <sup>7,13</sup> .....                                                             | F                 | 19.00          | 5.59          | 5.52  | 50.41  |
| "Buddie Boy" Mixed Feed.....                                                              | G                 | 12.00          | 3.25          | 15.00 | 54.00  |
| 35-8-56 <sup>4,5</sup> .....                                                              | F                 | 12.25          | 4.39          | 15.03 | 51.49  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |       |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|-------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N.F.E. |
| <b>Champlon Roller Mills, Sullivan, Mo.</b>                                               |                                |         |       |              |
| Wheat Bran.....                                                                           | G 16.00                        | 3.50    | 10.00 | 57.00        |
| 35-8-201.....                                                                             | F 15.19                        | 4.30    | 9.92  | 53.00        |
| Wheat Gray Shorts.....                                                                    | G 14.50                        | 3.00    | 6.00  | 70.00        |
| 35-8-202.....                                                                             | F 17.00                        | 4.70    | 3.89  | 60.04        |
| Champion 18 % Laying Mash.....                                                            | G 18.00                        | 4.50    | 6.00  | 50.00        |
| 35-8-203.....                                                                             | F 17.75                        | 5.14    | 5.34  | 52.45        |
| Champion Starter and Growing Mash.....                                                    | G 16.00                        | 4.50    | 6.00  | 50.00        |
| 35-8-204.....                                                                             | F 16.44                        | 5.01    | 4.37  | 56.75        |
| <b>Chapman-Doake Co., Decatur, Ill.</b>                                                   |                                |         |       |              |
| Corn Feed Meal.....                                                                       | G 9.50                         | 4.00    | 6.00  | 55.00        |
| 35-7-15 <sup>5,24,25</sup> .....                                                          | F 10.81                        | 5.28    | 3.96  | 61.12        |
| <b>Charlton County Hatchery, Brunswick, Mo.</b>                                           |                                |         |       |              |
| Cox's Quality Starting Mash.....                                                          | G 15.00                        | 3.00    | 5.00  | 50.00        |
| 35-8-148.....                                                                             | F 17.69                        | 5.32    | 4.73  | 53.85        |
| Cox's Quality Growing Mash.....                                                           | G 17.00                        | 3.50    | 6.00  | 44.00        |
| 35-8-149.....                                                                             | F 19.69                        | 5.03    | 10.31 | 44.97        |
| Cox's Quality Laying Mash.....                                                            | G 19.00                        | 3.50    | 7.50  | 42.00        |
| 35-8-150.....                                                                             | F 21.50                        | 5.95    | 4.53  | 48.68        |
| <b>Checkerboard Elevator Co., St. Louis, Mo.</b>                                          |                                |         |       |              |
| Oat Mill Feed (Oat Middlings, Oat Hulls, Oat<br>Shorts).....                              | G 5.00                         | 1.50    | 30.00 | 50.00        |
| 35-2-57.....                                                                              | F 7.00                         | 2.60    | 27.86 | 47.46        |
| <b>Cherokee Flour and Feed Co., Cherokee, Kan.</b>                                        |                                |         |       |              |
| Country Girl Chick Feed.....                                                              | G 9.54                         | 3.50    | 5.00  | 58.00        |
| 35-7-140 <sup>9,17</sup> .....                                                            | F 10.94                        | 3.41    | 1.61  | 70.82        |
| Country Girl Hen Feed.....                                                                | G 10.50                        | 2.50    | 5.50  | 60.00        |
| 35-7-141 <sup>4,18</sup> .....                                                            | F 11.56                        | 3.70    | 2.16  | 70.16        |
| <b>Chilllicothe Feed Co., Chilllicothe, Mo.</b>                                           |                                |         |       |              |
| Pete's Open Formula Hog Feed.....                                                         | G 14.00                        | 4.50    | 4.00  | 60.00        |
| 35-8-102 <sup>4,5</sup> .....                                                             | F 14.94                        | 1.86    | 3.90  | 60.30        |
| Pete's Hi-Klas Chick Ration.....                                                          | G 17.00                        | 3.50    | 6.00  | 55.00        |
| 35-8-103 <sup>4,5,14,26</sup> .....                                                       | F 18.50                        | 6.38    | 6.80  | 50.50        |
| <b>Choctaw Sales Co., Kansas City, Mo.</b>                                                |                                |         |       |              |
| Choctaw Prime 43 % Protein Cottonseed Meal.....                                           | G 43.00                        | 5.00    | 12.00 | 23.00        |
| 35-2-220 <sup>7,19</sup> .....                                                            | F 40.94                        | 7.11    | 11.78 | 25.98        |
| Meat and Bone Scraps.....                                                                 | G 50.00                        | 6.00    | 3.00  | 5.00         |
| 35-11-33 <sup>10</sup> .....                                                              | F 48.57                        | 13.79   | 2.83  | 2.94         |
| <b>E. Cignetti, Mindenmiles, Mo.</b>                                                      |                                |         |       |              |
| Cignetti Horse and Mule Feed.....                                                         | G 10.00                        | 2.70    | 11.00 | 60.00        |
| 35-9-182.....                                                                             | F 11.69                        | 3.64    | 7.29  | 58.69        |
| Cignetti Hen Scratch Feed.....                                                            | G 10.00                        | 2.50    | 4.00  | 65.00        |
| 35-9-183.....                                                                             | F 13.19                        | 3.61    | 1.92  | 68.32        |
| Cignetti Murphy's Vig-O-Ray Laying Mash.....                                              | G 17.50                        | 3.00    | 7.00  | 50.00        |
| 35-9-184 <sup>6</sup> .....                                                               | F 19.13                        | 4.25    | 4.31  | 53.47        |
| <b>City Ice and Fuel Co., Polar Wave Division, St.<br/>Louis, Mo.</b>                     |                                |         |       |              |
| Excellent (XLNT) Chick Feed.....                                                          | G 9.00                         | 2.50    | 5.00  | 64.00        |
| 35-6-30.....                                                                              | F 10.06                        | 3.75    | 1.92  | 71.75        |
| Dainty Brand Chick Starting Feed.....                                                     | G 15.50                        | 4.50    | 5.00  | 50.00        |
| 35-9-112.....                                                                             | F 19.06                        | 5.41    | 4.34  | 52.36        |
| Mask-Ola Brand Growing Mash.....                                                          | G 16.00                        | 4.00    | 8.00  | 45.00        |
| 35-9-113.....                                                                             | F 17.88                        | 4.71    | 5.69  | 52.76        |
| Missouri Dairy Feed.....                                                                  | G 13.00                        | 3.00    | 17.00 | 38.00        |
| 35-9-114.....                                                                             | F 14.63                        | 3.16    | 14.07 | 35.93        |
| In-Krees Laying Mash.....                                                                 | G 18.00                        | 4.00    | 10.00 | 44.00        |
| 35-9-115.....                                                                             | F 18.44                        | 5.08    | 7.65  | 50.45        |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |        |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|--------|
|                                                                                           | Protein                                             | Fat  | Fiber | N.F.E. |
|                                                                                           | G                                                   | F    | G     | F      |
| Egg Lay Hen Feed.....                                                                     | 10.00                                               | 2.50 | 5.00  | 64.00  |
| 35-9-116.....                                                                             | 12.13                                               | 3.65 | 2.86  | 66.80  |
| Special Scratch Feed.....                                                                 | 9.00                                                | 2.00 | 5.00  | 60.00  |
| 35-9-117 <sup>4,5,18</sup> .....                                                          | 10.64                                               | 4.58 | 2.00  | 70.14  |
| Missouri Sweet Horse and Mule Feed.....                                                   | 9.00                                                | 2.00 | 17.00 | 46.00  |
| 35-9-118.....                                                                             | 9.56                                                | 3.37 | 13.69 | 56.71  |
| Kwik Brand Fattener.....                                                                  | 13.00                                               | 4.50 | 6.00  | 55.00  |
| 35-9-120.....                                                                             | 13.44                                               | 5.12 | 4.13  | 63.57  |
| <b>City Mills, Springfield, Mo.</b>                                                       |                                                     |      |       |        |
| Blue Jay Mixed Feed.....                                                                  | 10.00                                               | 3.00 | 18.00 | 45.00  |
| 35-2-64 <sup>22</sup> .....                                                               | 15.00                                               | 4.53 | 14.21 | 50.03  |
| Blue Jay Mixed Feed.....                                                                  | 10.00                                               | 3.00 | 18.00 | 45.00  |
| 35-7-168 <sup>22</sup> .....                                                              | 14.56                                               | 4.16 | 11.45 | 52.69  |
| Egg-O-See Egg Mash.....                                                                   | 18.00                                               | 4.00 | 8.00  | 45.00  |
| 35-7-171.....                                                                             | 18.56                                               | 4.30 | 6.43  | 49.59  |
| Blue Jay Chick Starter.....                                                               | 18.00                                               | 4.00 | 8.00  | 47.00  |
| 35-7-178.....                                                                             | 18.19                                               | 4.55 | 4.54  | 52.27  |
| Blue Jay Chick Grower.....                                                                | 18.00                                               | 4.00 | 8.00  | 47.00  |
| 35-7-194.....                                                                             | 19.25                                               | 5.92 | 5.93  | 50.49  |
| Blue Jay Mixed Feed (With Molasses).....                                                  | 10.00                                               | 2.50 | 12.00 | 50.00  |
| 35-7-201 <sup>8</sup> .....                                                               | 11.76                                               | 2.24 | 9.58  | 54.08  |
| Blue Jay Mixed Feed.....                                                                  | 10.00                                               | 3.00 | 18.00 | 45.00  |
| 35-12-39.....                                                                             | 12.56                                               | 3.28 | 15.96 | 50.97  |
| Egg-O-See Egg Mash.....                                                                   | 18.00                                               | 4.00 | 8.00  | 48.00  |
| 35-12-40 <sup>9</sup> .....                                                               | 23.00                                               | 4.00 | 9.13  | 46.60  |
| Blue Jay Chick Grower.....                                                                | 18.00                                               | 4.00 | 8.00  | 47.00  |
| 35-12-94.....                                                                             | 20.00                                               | 6.26 | 5.44  | 50.89  |
| Blue Jay Mixed Feed (With Molasses).....                                                  | 10.00                                               | 2.50 | 12.00 | 50.00  |
| 35-12-103 <sup>8</sup> .....                                                              | 15.94                                               | 2.50 | 10.60 | 58.07  |
| <b>Ciaflin Flour Mills, Ciaflin, Kan.</b>                                                 |                                                     |      |       |        |
| Wheat Bran and Ground Wheat Screenings Not Ex-<br>ceeding 8 %.....                        | 14.00                                               | 3.50 | 8.50  | 52.00  |
| 35-1-210 <sup>4,5,9,22</sup> .....                                                        | 18.56                                               | 4.94 | 8.81  | 48.25  |
| <b>Ciardy Feed and Milling Co., Gashland, Mo.</b>                                         |                                                     |      |       |        |
| Mrs. Johnson's Success Laying Mash.....                                                   | 17.50                                               | 3.95 | 6.00  | 52.00  |
| 35-8-166 <sup>4,5,6,9,13,14,16,22</sup> .....                                             | 18.25                                               | 4.86 | 4.77  | 51.74  |
| Missouri Formula All-Mash Chick Ration.....                                               | 13.50                                               | 3.50 | 5.00  | 55.00  |
| 35-8-167 <sup>9,13</sup> .....                                                            | 16.25                                               | 5.56 | 3.74  | 55.74  |
| Mrs. Johnson's Success Laying Mash.....                                                   | 17.50                                               | 3.95 | 6.00  | 52.00  |
| 35-12-63 <sup>24</sup> .....                                                              | 19.94                                               | 6.37 | 4.98  | 48.97  |
| <b>Clarence Grain Co., Clarence, Mo.</b>                                                  |                                                     |      |       |        |
| Clarence's Best Laying Mash.....                                                          | 18.00                                               | 3.50 | 7.00  | 45.00  |
| 35-4-56 <sup>22</sup> .....                                                               | 20.50                                               | 5.75 | 6.28  | 49.51  |
| <b>Clark Milling Co., St. Joseph, Mo.</b>                                                 |                                                     |      |       |        |
| Contest Fattening Mash.....                                                               | 17.25                                               | 3.75 | 5.00  | 58.50  |
| 35-5-166.....                                                                             | 19.50                                               | 4.33 | 3.25  | 59.29  |
| Circle C Chick Scratch.....                                                               | 11.25                                               | 3.75 | 2.50  | 63.25  |
| 35-5-167.....                                                                             | 13.13                                               | 3.86 | 2.62  | 66.49  |
| Three In One Poultry Mash.....                                                            | 16.75                                               | 4.25 | 6.00  | 48.50  |
| 35-5-168.....                                                                             | 17.88                                               | 5.91 | 5.10  | 51.65  |
| Contest Laying Mash.....                                                                  | 18.50                                               | 3.75 | 6.50  | 49.50  |
| 35-5-169.....                                                                             | 21.56                                               | 4.85 | 5.54  | 49.82  |
| Circle C Hen Scratch.....                                                                 | 10.72                                               | 2.19 | 2.95  | 70.90  |
| 35-5-170 <sup>9</sup> .....                                                               | 11.13                                               | 3.52 | 2.29  | 69.98  |
| <b>F. W. Clemens Feed Co., St. Louis, Mo.</b>                                             |                                                     |      |       |        |
| F. W. Clemens Hen Feed.....                                                               | 10.50                                               | 2.20 | 3.88  | 63.81  |
| 35-9-95.....                                                                              | 10.81                                               | 2.74 | 2.58  | 70.31  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)                       | Chemical Analyses |               |         |                  |
|-----------------------------------------------------------------------------------------------------------------|-------------------|---------------|---------|------------------|
|                                                                                                                 | % Guaranteed (G)  | and Found (F) | Protein | Fat Fiber N.F.E. |
| <b>Cole County Farmers Coop. Assn., Jefferson City, Mo.</b>                                                     |                   |               |         |                  |
| Duplex 16 % Protein Dairy Feed.....                                                                             | G                 | 16.00         | 4.00    | 8.50 54.00       |
| 35-10-7 <sup>11</sup> .....                                                                                     | F                 | 16.38         | 4.72    | 5.62 55.73       |
| Duplex Hen Feed.....                                                                                            | G                 | 10.00         | 2.00    | 4.00 52.00       |
| 35-10-8.....                                                                                                    | F                 | 10.88         | 3.05    | 2.35 70.39       |
| Duplex Growing Mash.....                                                                                        | G                 | 17.00         | 4.00    | 5.00 52.00       |
| 35-10-9 <sup>11</sup> .....                                                                                     | F                 | 20.13         | 5.40    | 4.38 51.57       |
| Duplex All Mash Chick Ration.....                                                                               | G                 | 15.00         | 4.00    | 6.00 55.00       |
| 35-10-10 <sup>13,22</sup> .....                                                                                 | F                 | 16.94         | 4.73    | 4.29 58.04       |
| Duplex 16 % Protein Laying Mash.....                                                                            | G                 | 16.00         | 3.00    | 6.50 45.00       |
| 35-10-11.....                                                                                                   | F                 | 19.56         | 5.35    | 5.10 52.52       |
| <b>H. C. Cole Milling Co., Chester, Ill.</b>                                                                    |                   |               |         |                  |
| Omega Pure Soft Winter Wheat Bran From Pure Soft Red Winter Wheat.....                                          | G                 | 14.50         | 3.50    | 10.50 54.00      |
| 35-4-149.....                                                                                                   | F                 | 15.75         | 3.63    | 10.17 52.29      |
| Omega Wheat Gray Shorts and Ground Wheat Screenings Not Exceeding Mill-run From Soft Red Winter Wheat.....      | G                 | 16.00         | 4.50    | 6.00 57.00       |
| 35-4-173.....                                                                                                   | F                 | 16.44         | 4.53    | 5.47 58.18       |
| Omega Pure Soft Winter Wheat Bran From Pure Soft Red Winter Wheat.....                                          | G                 | 14.50         | 3.50    | 10.50 54.00      |
| 35-6-121.....                                                                                                   | F                 | 15.50         | 3.82    | 10.08 51.69      |
| Omega Wheat Gray Shorts and Ground Wheat Screenings Not Exceeding Mill-run From Pure Soft Red Winter Wheat..... | G                 | 16.00         | 4.50    | 6.00 57.00       |
| 35-6-122.....                                                                                                   | F                 | 16.63         | 5.48    | 3.68 58.60       |
| <b>E. P. Coleman and Co., Sikeston, Mo.</b>                                                                     |                   |               |         |                  |
| Semo Brand Cottonseed Meal 41 % Protein.....                                                                    | G                 | 41.00         | 7.00    | 11.00 28.00      |
| 35-1-43 <sup>19</sup> .....                                                                                     | F                 | 40.49         | 7.58    | 10.57 25.82      |
| Semo Brand Cottonseed Meal 41 % Protein.....                                                                    | G                 | 41.00         | 7.00    | 11.00 28.00      |
| 35-1-58 <sup>19</sup> .....                                                                                     | F                 | 44.81         | 7.86    | 7.20 22.91       |
| Semo Brand Cottonseed Meal, 41 % Protein.....                                                                   | G                 | 41.00         | 7.00    | 11.00 28.00      |
| 35-1-114 <sup>19</sup> .....                                                                                    | F                 | 38.47         | 8.36    | 12.41 26.49      |
| Semo Brand Cottonseed Meal, 41 % Protein.....                                                                   | G                 | 41.00         | 7.00    | 11.00 28.00      |
| 35-2-36 <sup>19</sup> .....                                                                                     | F                 | 44.38         | 7.86    | 10.00 24.86      |
| Semo Brand Cottonseed Meal, 41 % Protein.....                                                                   | G                 | 41.00         | 7.00    | 11.00 28.00      |
| 35-3-75 <sup>19</sup> .....                                                                                     | F                 | 43.13         | 9.78    | 9.33 22.14       |
| Semo Brand Cottonseed Meal, 41 % Protein.....                                                                   | G                 | 41.00         | 7.00    | 11.00 28.00      |
| 35-6-40 <sup>19</sup> .....                                                                                     | F                 | 43.50         | 7.25    | 4.94 31.78       |
| Semo Brand Cottonseed Meal, 41 % Protein.....                                                                   | G                 | 41.00         | 7.00    | 11.00 28.00      |
| 35-6-104 <sup>19</sup> .....                                                                                    | F                 | 40.50         | 6.66    | 11.03 22.60      |
| Semo Brand Cottonseed Meal, 41 % Protein.....                                                                   | G                 | 41.00         | 7.00    | 11.00 28.00      |
| 35-6-119 <sup>19</sup> .....                                                                                    | F                 | 42.19         | 7.09    | 10.41 23.99      |
| <b>Columbia, Coop. Warehouse Assn., Columbia, Mo.</b>                                                           |                   |               |         |                  |
| J. C. Laying Mash.....                                                                                          | G                 | 18.00         | 4.50    | 6.00 50.00       |
| 35-2-16 <sup>2</sup> .....                                                                                      | F                 | 18.38         | 5.44    | 5.13 51.58       |
| Pee Wee Dairy Feed.....                                                                                         | G                 | 16.00         | 3.00    | 12.00 44.00      |
| 35-2-17 <sup>2</sup> .....                                                                                      | F                 | 16.25         | 4.54    | 10.07 54.15      |
| Pee Wee Dairy Feed.....                                                                                         | G                 | 16.00         | 3.00    | 12.00 44.00      |
| 35-11-90 <sup>2</sup> .....                                                                                     | F                 | 17.63         | 4.15    | 7.55 55.12       |
| J. C. Laying Mash.....                                                                                          | G                 | 18.00         | 4.50    | 6.00 50.00       |
| 35-11-91.....                                                                                                   | F                 | 18.69         | 5.21    | 4.78 53.27       |
| <b>Combs Flour, Feed and Fuel Store, Lamar, Mo.</b>                                                             |                   |               |         |                  |
| Comb's Dairy Feed.....                                                                                          | G                 | 16.00         | 4.00    | 10.00 54.00      |
| 35-9-186 <sup>18</sup> .....                                                                                    | F                 | 16.69         | 4.66    | 12.15 49.05      |
| Comb's Dairy Feed.....                                                                                          | G                 | 16.00         | 4.00    | 10.00 54.00      |
| 35-11-112 <sup>18</sup> .....                                                                                   | F                 | 19.25         | 5.28    | 10.41 48.54      |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber N.F.E. |       |      |             |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------|------|-------------|
|                                                                                           |                                                                                           |       |      |             |
| <b>Concordia Farmers Cooperative Co., Concordia, Mo.</b>                                  |                                                                                           |       |      |             |
| Laying Mash.....                                                                          | G                                                                                         | 17.00 | 4.00 | 8.00 51.00  |
| 35-1-152 <sup>13</sup> .....                                                              | F                                                                                         | 17.50 | 5.22 | 6.47 51.85  |
| Hen Feed.....                                                                             | G                                                                                         | 10.00 | 3.00 | 3.00 68.00  |
| 35-1-155 <sup>2</sup> .....                                                               | F                                                                                         | 11.31 | 3.98 | 1.63 71.43  |
| Hen Feed.....                                                                             | G                                                                                         | 10.00 | 3.00 | 3.00 68.00  |
| 35-11-23.....                                                                             | F                                                                                         | 12.00 | 3.44 | 2.22 68.42  |
| Laying Mash.....                                                                          | G                                                                                         | 17.00 | 4.00 | 8.00 51.00  |
| 35-11-24 <sup>13</sup> .....                                                              | F                                                                                         | 17.38 | 5.07 | 6.88 52.25  |
| <b>Concordia Mill and Elevator Co., Concordia, Mo.</b>                                    |                                                                                           |       |      |             |
| Wheat Bran and Ground Wheat Screenings Not Exceeding 8 %.....                             | G                                                                                         | 15.00 | 3.28 | 10.35 ..... |
| 35-1-161 <sup>6,18</sup> .....                                                            | F                                                                                         | 16.19 | 4.10 | 11.35 52.02 |
| Concord Laying Mash.....                                                                  | G                                                                                         | 17.50 | 4.01 | 8.43 50.11  |
| 35-1-162 <sup>18</sup> .....                                                              | F                                                                                         | 17.63 | 4.62 | 6.46 54.21  |
| Wheat Gray Shorts and Ground Wheat Screenings Not Exceeding 8 %.....                      | G                                                                                         | 16.00 | 3.50 | 6.83 .....  |
| 35-1-163 <sup>6,18</sup> .....                                                            | F                                                                                         | 18.00 | 5.55 | 5.59 55.94  |
| Concord Scratch Feed.....                                                                 | G                                                                                         | 10.50 | 3.03 | 3.43 72.95  |
| 35-1-164 <sup>4,5,18</sup> .....                                                          | F                                                                                         | 10.44 | 3.55 | 1.70 70.80  |
| Wheat Gray Shorts and Ground Wheat Screenings Not Exceeding 8 %.....                      | G                                                                                         | 16.00 | 3.50 | 6.83 55.94  |
| 35-11-27 <sup>6,13,18</sup> .....                                                         | F                                                                                         | 17.94 | 4.96 | 5.69 57.90  |
| Wheat Bran and Ground Wheat Screenings not Exceeding 8 %.....                             | G                                                                                         | 15.00 | 3.28 | 10.35 52.02 |
| 35-11-28 <sup>6</sup> .....                                                               | F                                                                                         | 16.25 | 3.62 | 10.75 53.18 |
| <b>Concordia Milling Co., Concordia, Kan.</b>                                             |                                                                                           |       |      |             |
| Wheat Bran and Ground Wheat Screenings Not Exceeding 1 % and Corn Bran.....               | G                                                                                         | 14.50 | 3.50 | 11.00 47.00 |
| 35-12-71.....                                                                             | F                                                                                         | 17.06 | 5.11 | 9.37 52.10  |
| <b>Lester R. Connor, Lexington, Mo.</b>                                                   |                                                                                           |       |      |             |
| W and C Egg Mash.....                                                                     | G                                                                                         | 16.00 | 3.50 | 6.00 58.00  |
| 35-11-233 <sup>7,8</sup> .....                                                            | F                                                                                         | 16.94 | 5.25 | 7.56 52.99  |
| <b>L. V. Conrad, Sedgewickville, Mo.</b>                                                  |                                                                                           |       |      |             |
| Gray Wheat Shorts.....                                                                    | G                                                                                         | 15.00 | 3.50 | 6.00 54.00  |
| 35-6-46.....                                                                              | F                                                                                         | 17.31 | 5.17 | 4.80 54.67  |
| Wheat Bran and Corn Bran.....                                                             | G                                                                                         | 14.00 | 3.50 | 6.44 53.00  |
| 35-6-47.....                                                                              | F                                                                                         | 14.19 | 3.65 | 8.14 54.62  |
| <b>Consolidated Flour Mills Co., Wichita, Kan.</b>                                        |                                                                                           |       |      |             |
| Wheat Gray Shorts and Wheat Scourings.....                                                | G                                                                                         | 16.00 | 3.50 | 6.00 55.00  |
| 35-2-26 <sup>13</sup> .....                                                               | F                                                                                         | 17.81 | 4.17 | 5.50 56.99  |
| Wheat Bran and Ground Wheat Screenings Not Exceeding Mill-run.....                        | G                                                                                         | 14.50 | 3.50 | 11.00 47.00 |
| 35-2-233 <sup>22</sup> .....                                                              | F                                                                                         | 17.38 | 4.31 | 10.67 50.12 |
| Wheat Mixed Feed and Ground Wheat Screenings Not Exceeding 8 %.....                       | G                                                                                         | 16.00 | 3.50 | 8.50 52.00  |
| 35-2-234 <sup>13,22</sup> .....                                                           | F                                                                                         | 17.19 | 3.96 | 7.86 53.73  |
| <b>Consolidated Products Co., Danville, Ill.</b>                                          |                                                                                           |       |      |             |
| Semi-Solid Buttermilk Flakes.....                                                         | G                                                                                         | 30.00 | 5.50 | 0.00 40.00  |
| 35-7-39.....                                                                              | F                                                                                         | 33.94 | 8.63 | 0.00 40.56  |
| <b>Conway Cotton Oil Co., Conway, Ark.</b>                                                |                                                                                           |       |      |             |
| 41 % Protein Prime Grade Cottonseed Meal.....                                             | G                                                                                         | 41.00 | 5.00 | 13.00 25.00 |
| 35-1-208 <sup>1,21,34</sup> .....                                                         | F                                                                                         | 41.44 | 7.21 | 12.94 24.12 |
| 41 % Protein Prime Grade Cottonseed Meal.....                                             | G                                                                                         | 41.00 | 5.00 | 13.00 25.00 |
| 35-1-220 <sup>21,34</sup> .....                                                           | F                                                                                         | 42.94 | 6.19 | 10.99 18.58 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| <b>The O. A. Cooper Company, Inc., Humboldt, Neb.</b>                                     |                                |      |       |        |
| Pure Wheat Bran.....                                                                      | G 14.50                        | 3.50 | 11.00 | 47.00  |
| 35-7-4 <sup>3,7,18</sup> .....                                                            | F 18.31                        | 4.31 | 8.01  | 53.68  |
| <b>Cooperative Association No. 37, Fordland Farmers Exchange, Fordland, Mo.</b>           |                                |      |       |        |
| Egg Laying Mash.....                                                                      | G 18.50                        | 4.00 | 6.50  | 50.00  |
| 35-10-137 <sup>18</sup> .....                                                             | F 22.56                        | 5.32 | 6.33  | 45.67  |
| Dairy Feed.....                                                                           | G 18.00                        | 4.00 | 8.50  | 50.00  |
| 35-10-138 <sup>18</sup> .....                                                             | F 19.81                        | 5.59 | 8.90  | 49.09  |
| Baby Chick Starter.....                                                                   | G 14.00                        | 3.50 | 5.00  | 50.00  |
| 35-10-139 <sup>18</sup> .....                                                             | F 15.38                        | 3.61 | 2.39  | 58.24  |
| Chick Developing Mash.....                                                                | G 16.00                        | 3.50 | 5.50  | 50.00  |
| 35-10-140 <sup>18</sup> .....                                                             | F 19.88                        | 4.45 | 4.51  | 49.41  |
| <b>Cooperative Association No. 91, Odessa, Mo.</b>                                        |                                |      |       |        |
| Home Mix Turkey Feed.....                                                                 | G 20.00                        | 4.50 | 8.50  | 50.00  |
| 35-1-141 <sup>4,5</sup> .....                                                             | F 25.38                        | 5.36 | 6.84  | 42.42  |
| Home Mix Hog Feed.....                                                                    | G 21.00                        | 4.50 | 9.00  | 52.00  |
| 35-1-142 <sup>7,24</sup> .....                                                            | F 20.19                        | 4.95 | 6.30  | 51.52  |
| Home Mix Dairy Feed.....                                                                  | G 17.50                        | 3.50 | 8.50  | 57.50  |
| 35-1-143.....                                                                             | F 16.47                        | 4.85 | 6.39  | 56.60  |
| Home Mix Laying Mash.....                                                                 | G 18.50                        | 4.50 | 6.50  | 52.00  |
| 35-1-144.....                                                                             | F 20.13                        | 4.94 | 4.90  | 50.05  |
| Home Mix Turkey Feed.....                                                                 | G 20.00                        | 4.50 | 8.50  | 50.00  |
| 35-10-208 <sup>4,5,13</sup> .....                                                         | F 20.00                        | 6.15 | 7.45  | 47.62  |
| Home Mix Growing Mash.....                                                                | G 17.00                        | 5.00 | 6.00  | 59.00  |
| 35-10-209 <sup>4,5,13,18</sup> .....                                                      | F 17.56                        | 5.46 | 5.96  | 52.85  |
| Home Mix Chick Mash.....                                                                  | G 18.00                        | 5.00 | 5.00  | 52.00  |
| 35-10-210 <sup>4,5</sup> .....                                                            | F 20.25                        | 5.57 | 5.12  | 49.22  |
| Home Mix Dairy Feed.....                                                                  | G 17.50                        | 3.50 | 8.50  | 57.50  |
| 35-10-211.....                                                                            | F 16.63                        | 4.95 | 7.33  | 55.50  |
| Home Mix Laying Mash.....                                                                 | G 18.50                        | 4.50 | 6.00  | 52.00  |
| 35-10-212.....                                                                            | F 19.69                        | 6.28 | 6.02  | 49.52  |
| Home Mix Hog Feed.....                                                                    | G 21.00                        | 4.50 | 9.00  | 52.00  |
| 35-10-213 <sup>7,9,24</sup> .....                                                         | F 19.94                        | 4.86 | 7.16  | 50.44  |
| <b>Cooperative Assn. No. 2, Washington, Mo.</b>                                           |                                |      |       |        |
| Hi Grade Chick Mash With Manamar.....                                                     | G 18.00                        | 4.00 | 5.50  | 50.00  |
| 35-8-195 <sup>4,5</sup> .....                                                             | F 19.38                        | 4.27 | 5.29  | 52.43  |
| Hi Grade Laying Mash With Manamar.....                                                    | G 19.00                        | 4.50 | 7.50  | 47.00  |
| 35-8-196.....                                                                             | F 19.63                        | 4.78 | 7.07  | 47.22  |
| <b>Corn Products Refining Co., New York, N. Y.</b>                                        |                                |      |       |        |
| Buffalo Corn Gluten Feed.....                                                             | G 25.00                        | 2.00 | 8.50  | 41.50  |
| 35-2-224.....                                                                             | F 25.13                        | 2.41 | 8.31  | 46.63  |
| Buffalo Corn Gluten Feed.....                                                             | G 25.00                        | 2.00 | 8.50  | 41.50  |
| 35-7-155.....                                                                             | F 26.38                        | 2.58 | 7.14  | 48.66  |
| Argo Corn Oil Meal.....                                                                   | G 20.00                        | 6.00 | 12.00 | 43.00  |
| 35-8-89.....                                                                              | F 25.31                        | 7.99 | 10.18 | 45.60  |
| Diamond Corn Gluten Meal.....                                                             | G 43.00                        | 1.00 | 4.00  | 38.00  |
| 35-12-69.....                                                                             | F 45.63                        | 4.50 | 1.54  | 37.59  |
| <b>Carno Mills Co. (now National Oats Company), East St. Louis, Ill.</b>                  |                                |      |       |        |
| Carno Dairy Feed, 24 % Protein.....                                                       | G 24.00                        | 4.00 | 10.00 | 40.00  |
| 35-1-77.....                                                                              | F 25.25                        | 4.70 | 9.15  | 42.17  |
| Carno Laying Mash.....                                                                    | G 20.00                        | 5.00 | 6.00  | 50.00  |
| 35-1-78.....                                                                              | F 22.75                        | 6.56 | 5.66  | 46.92  |
| Nutro Mix 10 %.....                                                                       | G 10.00                        | 2.00 | 15.00 | 47.00  |
| 35-1-79.....                                                                              | F 10.69                        | 3.81 | 13.50 | 50.96  |
| Nutro 16 % Dairy Feed.....                                                                | G 16.00                        | 3.50 | 16.00 | 40.00  |
| 35-1-80.....                                                                              | F 17.06                        | 3.79 | 12.37 | 46.59  |
| Nutro Chick Scratch.....                                                                  | G 9.00                         | 2.75 | 5.00  | 55.00  |
| 35-1-98 <sup>4,5</sup> .....                                                              | F 11.63                        | 2.79 | 1.22  | 71.92  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| Nutro Mix 10 %                                                                            | G                 | 10.00          | 2.00          | 15.00 | 47.00  |
| 35-1-99                                                                                   | F                 | 14.13          | 3.02          | 14.97 | 49.99  |
| Carno Laying Mash                                                                         | G                 | 20.00          | 5.00          | 6.00  | 50.00  |
| 35-1-100                                                                                  | F                 | 21.44          | 5.29          | 4.88  | 49.30  |
| Nutro Sweet Feed                                                                          | G                 | 9.00           | 2.00          | 15.00 | 55.00  |
| 35-1-102                                                                                  | F                 | 11.31          | 3.08          | 8.40  | 61.17  |
| Nutro 16 % Dairy Feed                                                                     | G                 | 16.00          | 3.50          | 16.00 | 40.00  |
| 35-1-104                                                                                  | F                 | 17.69          | 3.70          | 13.85 | 46.24  |
| Nutro Hen Scratch                                                                         | G                 | 9.00           | 2.75          | 5.00  | 55.00  |
| 35-1-105                                                                                  | F                 | 10.88          | 4.11          | 2.32  | 69.82  |
| Nutro Egg Mash                                                                            | G                 | 18.00          | 3.50          | 8.00  | 55.00  |
| 35-1-106                                                                                  | F                 | 19.63          | 4.59          | 5.86  | 53.13  |
| Carno Hen Scratch                                                                         | G                 | 10.00          | 3.00          | 3.50  | 55.00  |
| 35-1-111 <sup>4,5</sup>                                                                   | F                 | 11.25          | 3.02          | 2.17  | 69.09  |
| Carno Premium Feed                                                                        | G                 | 9.50           | 3.25          | 7.50  | 58.00  |
| 35-1-112                                                                                  | F                 | 10.88          | 4.00          | 6.93  | 63.24  |
| Carno Laying Mash                                                                         | G                 | 20.00          | 5.00          | 6.00  | 50.00  |
| 35-1-113                                                                                  | F                 | 23.13          | 5.00          | 5.39  | 45.98  |
| Nutro Chick Scratch                                                                       | G                 | 9.00           | 2.75          | 5.00  | 55.00  |
| 35-1-116                                                                                  | F                 | 12.81          | 3.16          | 1.51  | 68.17  |
| Nutro Egg Mash                                                                            | G                 | 18.00          | 3.50          | 8.00  | 55.00  |
| 35-1-117                                                                                  | F                 | 19.63          | 4.72          | 6.49  | 51.00  |
| Nutro 16 % Dairy Feed                                                                     | G                 | 16.00          | 3.50          | 16.00 | 40.00  |
| 35-1-119                                                                                  | F                 | 17.56          | 3.82          | 13.08 | 44.87  |
| Carno Laying Mash                                                                         | G                 | 20.00          | 5.00          | 6.00  | 50.00  |
| 35-1-127                                                                                  | F                 | 20.31          | 5.21          | 4.69  | 50.78  |
| Carno Dairy Feed, 24 % Protein                                                            | G                 | 24.00          | 4.00          | 10.00 | 40.00  |
| 35-1-128                                                                                  | F                 | 24.69          | 4.08          | 8.03  | 43.46  |
| Carno Poultry Fattener                                                                    | G                 | 13.00          | 4.50          | 4.50  | 60.00  |
| 35-1-137                                                                                  | F                 | 15.94          | 5.45          | 3.90  | 59.54  |
| Carno Hog Feed                                                                            | G                 | 20.00          | 4.00          | 7.00  | 49.00  |
| 35-1-138                                                                                  | F                 | 22.13          | 5.31          | 3.70  | 53.24  |
| Nutro Hen Scratch                                                                         | G                 | 9.00           | 2.75          | 5.00  | 55.00  |
| 35-1-247                                                                                  | F                 | 10.50          | 4.19          | 2.14  | 70.02  |
| Nutro 16 % Dairy Feed                                                                     | G                 | 16.00          | 3.50          | 16.00 | 40.00  |
| 35-2-235                                                                                  | F                 | 16.31          | 3.32          | 12.95 | 47.74  |
| Carno Dairy Feed, 24 % Protein                                                            | G                 | 24.00          | 4.00          | 10.00 | 40.00  |
| 35-3-87                                                                                   | F                 | 24.63          | 4.23          | 4.72  | 45.24  |
| Nutro Sweet Feed                                                                          | G                 | 9.00           | 2.00          | 15.00 | 55.00  |
| 35-3-88                                                                                   | F                 | 11.00          | 3.71          | 8.40  | 59.18  |
| Carno Laying Mash                                                                         | G                 | 20.00          | 5.00          | 6.00  | 50.00  |
| 35-3-90                                                                                   | F                 | 22.44          | 5.07          | 5.41  | 45.44  |
| Nutro Chick Scratch                                                                       | G                 | 9.00           | 2.75          | 5.00  | 55.00  |
| 35-3-91                                                                                   | F                 | 13.00          | 3.52          | 1.40  | 67.76  |
| Carno Hen Scratch                                                                         | G                 | 10.00          | 3.00          | 3.50  | 55.00  |
| 35-3-92 <sup>4,5</sup>                                                                    | F                 | 10.63          | 4.39          | 1.92  | 69.14  |
| Nutro 16 % Dairy Feed                                                                     | G                 | 16.00          | 3.50          | 16.00 | 40.00  |
| 35-3-94                                                                                   | F                 | 15.94          | 3.43          | 13.29 | 45.59  |
| Nutro Mix 10 %                                                                            | G                 | 10.00          | 2.00          | 15.00 | 47.00  |
| 35-3-95                                                                                   | F                 | 12.06          | 3.15          | 15.16 | 56.38  |
| Nutro Egg Mash                                                                            | G                 | 18.00          | 3.50          | 8.00  | 55.00  |
| 35-4-166                                                                                  | F                 | 18.88          | 4.57          | 5.81  | 55.67  |
| Carno Dairy Supplement, 34 %                                                              | G                 | 34.00          | 3.50          | 7.25  | 41.00  |
| 35-5-217                                                                                  | F                 | 33.48          | 3.65          | 8.09  | 36.21  |
| Nutro Hen Scratch                                                                         | G                 | 9.00           | 2.75          | 5.00  | 58.00  |
| 35-5-220                                                                                  | F                 | 10.63          | 3.24          | 2.68  | 68.44  |
| Carno Chick Scratch                                                                       | G                 | 10.00          | 3.00          | 3.50  | 55.00  |
| 35-5-225 <sup>4,5</sup>                                                                   | F                 | 13.00          | 2.83          | 1.85  | 68.71  |
| Nutro 16 % Dairy Feed                                                                     | G                 | 16.00          | 3.50          | 16.00 | 40.00  |
| 35-5-228                                                                                  | F                 | 16.44          | 5.85          | 14.23 | 43.90  |
| Carno All-Mash Ration Starting and Growing                                                | G                 | 16.00          | 4.50          | 6.00  | 56.00  |
| 35-5-230                                                                                  | F                 | 16.69          | 4.27          | 4.21  | 56.10  |
| Nutro Egg Mash                                                                            | G                 | 18.00          | 3.50          | 8.00  | 55.00  |
| 35-5-231                                                                                  | F                 | 18.56          | 4.15          | 6.11  | 54.06  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |       |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|-------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |       |       |        |
|                                                                                           | Protein                        | Fat   | Fiber | N.F.E. |
| Corno Laying Mash.....                                                                    | G 20.00                        | 5.00  | 6.00  | 50.00  |
| 35-6-13.....                                                                              | F 20.81                        | 3.96  | 5.40  | 50.17  |
| Corno Special Chick Scratch.....                                                          | G 10.00                        | 3.00  | 3.50  | 55.00  |
| 35-6-14.....                                                                              | F 11.44                        | 2.50  | 1.64  | 71.37  |
| Corno Corn Chops.....                                                                     | G 9.00                         | 4.00  | 2.50  | 70.00  |
| 35-6-15.....                                                                              | F 10.06                        | 3.67  | 1.81  | 69.10  |
| Nutro Egg Mash.....                                                                       | G 18.00                        | 3.50  | 8.00  | 55.00  |
| 35-6-85.....                                                                              | F 23.88                        | 10.71 | 5.21  | 45.14  |
| Nutro 16 % Dairy Feed.....                                                                | G 16.00                        | 3.50  | 16.00 | 40.00  |
| 35-6-89.....                                                                              | F 17.38                        | 4.08  | 14.19 | 45.14  |
| Nutro Hen Scratch.....                                                                    | G 9.00                         | 2.75  | 5.00  | 55.00  |
| 35-6-90.....                                                                              | F 10.50                        | 3.68  | 2.38  | 70.03  |
| Nutro Mix, 10 %.....                                                                      | G 10.00                        | 2.00  | 15.00 | 47.00  |
| 35-6-108.....                                                                             | F 10.50                        | 2.51  | 16.09 | 49.60  |
| Nutro Hen Scratch.....                                                                    | G 9.00                         | 2.75  | 5.00  | 55.00  |
| 35-6-109.....                                                                             | F 11.56                        | 3.11  | 2.31  | 68.22  |
| Nutro Sweet Feed.....                                                                     | G 9.00                         | 2.00  | 15.00 | 55.00  |
| 35-6-134.....                                                                             | F 10.09                        | 3.28  | 9.92  | 57.75  |
| Nutro 16 % Dairy Feed.....                                                                | G 16.00                        | 3.50  | 16.00 | 40.00  |
| 35-6-135.....                                                                             | F 16.38                        | 3.95  | 15.18 | 46.07  |
| Corno Dairy Feed, 24 % Protein.....                                                       | G 24.00                        | 4.00  | 10.00 | 40.00  |
| 35-6-136.....                                                                             | F 24.88                        | 4.17  | 10.80 | 40.96  |
| Corno Special Chick Scratch.....                                                          | G 10.00                        | 3.00  | 3.50  | 55.00  |
| 35-6-137.....                                                                             | F 11.88                        | 3.05  | 1.68  | 70.73  |
| Corno All-Mash Ration Starting and Growing.....                                           | G 16.00                        | 4.50  | 6.00  | 56.00  |
| 35-6-138.....                                                                             | F 18.06                        | 5.14  | 4.55  | 54.23  |
| Corno Hen Scratch.....                                                                    | G 10.00                        | 3.00  | 3.50  | 55.00  |
| 35-6-140 <sup>4,5</sup> .....                                                             | F 11.25                        | 3.87  | 2.69  | 69.08  |
| Nutro Hen Scratch.....                                                                    | G 9.00                         | 2.75  | 5.00  | 55.00  |
| 35-6-155.....                                                                             | F 11.25                        | 3.52  | 2.32  | 68.13  |
| Nutro Egg Mash.....                                                                       | G 18.00                        | 3.50  | 8.00  | 55.00  |
| 35-6-157.....                                                                             | F 19.56                        | 3.91  | 6.32  | 54.00  |
| Nutro 16 % Dairy Feed.....                                                                | G 16.00                        | 3.50  | 16.00 | 40.00  |
| 35-6-158 <sup>8</sup> .....                                                               | F 16.25                        | 3.91  | 14.57 | 45.28  |
| Corno All-Mash Ration, Starting and Growing.....                                          | G 16.00                        | 4.50  | 6.00  | 56.00  |
| 35-6-159.....                                                                             | F 16.63                        | 4.94  | 5.38  | 55.73  |
| Nutro Hen Scratch.....                                                                    | G 9.00                         | 2.75  | 5.00  | 55.00  |
| 35-6-171.....                                                                             | F 10.94                        | 3.70  | 2.20  | 71.31  |
| Nutro 16 % Dairy Feed.....                                                                | G 16.00                        | 3.50  | 16.00 | 40.00  |
| 35-6-213.....                                                                             | F 15.81                        | 3.56  | 14.04 | 45.21  |
| Corno All-Mash Ration, Starting and Growing.....                                          | G 16.00                        | 4.50  | 6.00  | 56.00  |
| 35-7-30.....                                                                              | F 16.75                        | 4.32  | 4.77  | 56.00  |
| Corno Hen Scratch.....                                                                    | G 10.00                        | 3.00  | 3.50  | 55.00  |
| 35-9-83.....                                                                              | F 11.00                        | 1.45  | 2.44  | 69.63  |
| Corno Pigeon Feed.....                                                                    | G 16.00                        | 2.50  | 5.00  | 55.00  |
| 35-9-84.....                                                                              | F 15.94                        | 2.71  | 3.35  | 64.16  |
| Nutro Egg Mash.....                                                                       | G 18.00                        | 3.50  | 8.00  | 55.00  |
| 35-9-85.....                                                                              | F 19.38                        | 4.07  | 6.46  | 52.85  |
| Corno Special Chick Scratch.....                                                          | G 10.00                        | 3.00  | 3.50  | 55.00  |
| 35-9-88.....                                                                              | F 11.50                        | 2.21  | 1.60  | 71.07  |
| Nutro Hen Scratch.....                                                                    | G 9.00                         | 2.75  | 5.00  | 55.00  |
| 35-9-92.....                                                                              | F 12.44                        | 3.52  | 2.07  | 68.50  |
| Nutro Egg Mash.....                                                                       | G 18.00                        | 3.50  | 8.00  | 55.00  |
| 35-9-94.....                                                                              | F 19.50                        | 4.41  | 5.88  | 53.40  |
| Corno Starting Mash.....                                                                  | G 17.00                        | 4.50  | 4.00  | 55.00  |
| 35-9-96.....                                                                              | F 18.44                        | 4.79  | 3.62  | 55.26  |
| Corno Poultry Fattener.....                                                               | G 13.00                        | 4.50  | 4.50  | 60.00  |
| 35-9-97.....                                                                              | F 15.94                        | 5.32  | 4.36  | 60.75  |
| Corno Pigeon Feed.....                                                                    | G 16.00                        | 2.50  | 5.00  | 55.00  |
| 35-9-98.....                                                                              | F 16.69                        | 2.86  | 2.84  | 64.52  |
| Corno Sweet Feed.....                                                                     | G 10.00                        | 2.50  | 15.00 | 55.00  |
| 35-9-99 <sup>4,5</sup> .....                                                              | F 10.75                        | 3.91  | 7.14  | 61.41  |
| Nutro Sweet Feed.....                                                                     | G 9.00                         | 2.00  | 15.00 | 55.00  |
| 35-9-100.....                                                                             | F 10.63                        | 3.38  | 10.16 | 58.79  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| Nutro Sweet Feed.....                                                                     | G                 | 9.00           | 2.00          | 15.00 | 55.00  |
| 35-9-106.....                                                                             | F                 | 11.81          | 2.61          | 8.48  | 58.00  |
| Corno Dairy Feed, 24 % Protein.....                                                       | G                 | 24.00          | 4.00          | 10.00 | 40.00  |
| 35-9-107.....                                                                             | F                 | 24.94          | 4.07          | 9.15  | 43.93  |
| Corno Growing Scratch.....                                                                | G                 | 10.00          | 3.00          | 3.50  | 55.00  |
| 35-9-158.....                                                                             | F                 | 12.06          | 3.15          | 2.17  | 68.96  |
| <b>Cowgill Flour Mills, Inc., Carthage, Mo.</b>                                           |                   |                |               |       |        |
| Peacock Egg Mash.....                                                                     | G                 | 17.50          | 3.00          | 9.00  | 45.00  |
| 35-8-17 <sup>13</sup> .....                                                               | F                 | 19.88          | 4.66          | 7.45  | 46.39  |
| Peacock Dairy Ration.....                                                                 | G                 | 16.00          | 4.50          | 11.00 | 50.00  |
| 35-8-18 <sup>13</sup> .....                                                               | F                 | 17.56          | 4.54          | 8.56  | 50.90  |
| Cowgill's Wheat Bran.....                                                                 | G                 | 15.00          | 3.50          | 11.50 | 47.00  |
| 35-8-19 <sup>18</sup> .....                                                               | F                 | 15.81          | 4.64          | 8.09  | 54.20  |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>Not Exceeding 8 %.....                  | G                 | 16.00          | 4.50          | 6.00  | 55.00  |
| 35-8-20 <sup>6,13,18</sup> .....                                                          | F                 | 15.88          | 4.51          | 3.66  | 61.36  |
| Peacock Egg Mash.....                                                                     | G                 | 17.50          | 3.00          | 9.00  | 45.00  |
| 35-11-124 <sup>13</sup> .....                                                             | F                 | 19.00          | 4.73          | 7.64  | 47.97  |
| Peacock Dairy Ration.....                                                                 | G                 | 16.00          | 4.50          | 11.00 | 50.00  |
| 35-11-125 <sup>13</sup> .....                                                             | F                 | 18.56          | 4.87          | 9.74  | 49.90  |
| Cowgill's Wheat Bran.....                                                                 | G                 | 15.00          | 3.50          | 11.50 | 47.00  |
| 35-11-126.....                                                                            | F                 | 14.75          | 4.59          | 10.13 | 54.76  |
| Peacock Wheat Mixed Feed and Ground Wheat<br>Screenings, Not Exceeding 8 %.....           | G                 | 16.00          | 3.50          | 8.50  | 52.00  |
| 35-11-127 <sup>13</sup> .....                                                             | F                 | 15.07          | 4.87          | 8.51  | 55.89  |
| <b>Crane Farmers Exchange, Crane, Mo.</b>                                                 |                   |                |               |       |        |
| Home Town Chick Mash.....                                                                 | G                 | 15.00          | 4.00          | 6.00  | 48.00  |
| 35-3-11.....                                                                              | F                 | 17.94          | 4.88          | 4.62  | 55.62  |
| Close Time Egg Mash.....                                                                  | G                 | 16.00          | 4.00          | 8.00  | 42.00  |
| 35-3-12.....                                                                              | F                 | 18.56          | 6.03          | 7.11  | 49.83  |
| Our Own Laying Mash.....                                                                  | G                 | 18.00          | 4.50          | 6.00  | 50.00  |
| 35-3-13.....                                                                              | F                 | 19.88          | 6.14          | 5.15  | 52.00  |
| Home Town Egg Mash.....                                                                   | G                 | 18.00          | 3.00          | 8.00  | 40.00  |
| 35-3-14.....                                                                              | F                 | 22.94          | 5.47          | 6.04  | 47.05  |
| All Farm Mixed Feed.....                                                                  | G                 | 12.00          | 3.50          | 10.00 | 45.00  |
| 35-3-15.....                                                                              | F                 | 15.44          | 4.94          | 6.30  | 57.55  |
| Dairyman's Mixed Feed.....                                                                | G                 | 14.00          | 3.50          | 11.00 | 43.00  |
| 35-3-16.....                                                                              | F                 | 16.88          | 5.08          | 9.94  | 51.60  |
| Our Own Growing Mash.....                                                                 | G                 | 16.00          | 4.50          | 6.00  | 50.00  |
| 35-3-17.....                                                                              | F                 | 16.00          | 5.76          | 4.51  | 58.58  |
| Home Town Egg Mash.....                                                                   | G                 | 18.00          | 3.00          | 8.00  | 40.00  |
| 35-11-198.....                                                                            | F                 | 22.94          | 4.54          | 7.37  | 45.87  |
| Our Own Growing Mash.....                                                                 | G                 | 16.00          | 4.50          | 6.00  | 50.00  |
| 35-11-199.....                                                                            | F                 | 17.06          | 5.19          | 4.10  | 57.42  |
| Close Time Egg Mash.....                                                                  | G                 | 16.00          | 4.00          | 8.00  | 42.00  |
| 35-11-200 <sup>13,17</sup> .....                                                          | F                 | 18.25          | 4.92          | 7.00  | 51.32  |
| Dairyman's Mixed Feed.....                                                                | G                 | 14.00          | 3.50          | 11.00 | 43.00  |
| 35-11-201.....                                                                            | F                 | 16.38          | 4.47          | 10.32 | 52.41  |
| All Farm Mixed Feed.....                                                                  | G                 | 12.00          | 3.50          | 10.00 | 45.00  |
| 35-11-202.....                                                                            | F                 | 14.88          | 4.92          | 6.45  | 56.88  |
| Our Own Laying Mash.....                                                                  | G                 | 18.00          | 4.50          | 6.00  | 50.00  |
| 35-11-203.....                                                                            | F                 | 18.88          | 5.66          | 5.65  | 52.63  |
| <b>Crocker Packing Co., Joplin, Mo.</b>                                                   |                   |                |               |       |        |
| Digester Tankage With Bone.....                                                           | G                 | 45.00          | 14.00         | 3.00  | 6.00   |
| 35-7-204 <sup>9</sup> .....                                                               | F                 | 43.88          | 18.52         | 1.90  | 4.48   |
| Meat and Bone Scraps.....                                                                 | G                 | 41.00          | 14.00         | 3.00  | 5.00   |
| 35-7-205 <sup>7,9</sup> .....                                                             | F                 | 37.00          | 18.07         | 2.03  | 5.23   |
| <b>Cuba Roller Mill, Cuba, Mo.</b>                                                        |                   |                |               |       |        |
| Quality Laying Mash.....                                                                  | G                 | 17.00          | 5.00          | 7.50  | 47.00  |
| 35-8-228.....                                                                             | F                 | 19.69          | 5.31          | 5.36  | 46.68  |
| Challenge Laying Mash.....                                                                | G                 | 18.00          | 4.50          | 6.00  | 50.00  |
| 35-8-229.....                                                                             | F                 | 18.13          | 5.19          | 5.35  | 50.54  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F) |       |       |        |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------|-------|-------|--------|--|
|                                                                                           | Protein                                             | Fat   | Fiber | N.F.E. |  |
| Challenge Growing Mash.....                                                               | G 16.00                                             | 4.50  | 6.00  | 50.00  |  |
| 35-8-230.....                                                                             | F 17.56                                             | 5.68  | 3.89  | 53.79  |  |
| Challenge Starting Mash.....                                                              | G 17.00                                             | 4.50  | 5.50  | 45.00  |  |
| 35-8-231.....                                                                             | F 18.31                                             | 4.58  | 4.18  | 53.79  |  |
| <b>Cudahy Packing Co., Chicago, Ill.</b>                                                  |                                                     |       |       |        |  |
| Cudahy's Blue Ribbon Meat and Bone Scraps.....                                            | G 50.00                                             | 6.00  | 3.00  | 0.20   |  |
| 35-2-252.....                                                                             | F 75.44                                             | 15.69 | 1.02  | 0.00   |  |
| Cudahy's Blue Ribbon Digester Tankage.....                                                | G 60.00                                             | 6.00  | 3.00  | 0.20   |  |
| 35-9-201 <sup>29</sup> .....                                                              | F 59.47                                             | 10.53 | 1.08  | 2.04   |  |
| Cudahy's Blue Ribbon Digester Tankage.....                                                | G 60.00                                             | 6.00  | 3.00  | 0.20   |  |
| 35-12-48.....                                                                             | F 60.13                                             | 9.77  | 1.14  | 5.91   |  |
| <b>Culp Elevator Mills, Warrensburg, Mo.</b>                                              |                                                     |       |       |        |  |
| Culp Missouri Laying Mash.....                                                            | G 20.00                                             | 3.50  | 6.50  | 44.00  |  |
| 35-11-190.....                                                                            | F 18.56                                             | 4.28  | 5.18  | 54.13  |  |
| <b>Custom Mills, Butler, Mo.</b>                                                          |                                                     |       |       |        |  |
| Custom Gromash.....                                                                       | G 15.00                                             | 3.50  | 6.50  | 49.00  |  |
| 35-11-67 <sup>4,5</sup> .....                                                             | F 19.50                                             | 5.95  | 4.85  | 49.05  |  |
| <b>Dallas County Farmers Exchange, Buffalo, Mo.</b>                                       |                                                     |       |       |        |  |
| Dallas County Farmers Exchange Lay Mash.....                                              | G 15.00                                             | 3.70  | 6.30  | 51.50  |  |
| 35-3-52 <sup>7,22</sup> .....                                                             | F 21.00                                             | 5.93  | 6.43  | 44.56  |  |
| <b>Dannen Hay and Grain Co., St. Joseph, Mo.</b>                                          |                                                     |       |       |        |  |
| Big Dee Alfalfa Molasses Feed.....                                                        | G 9.00                                              | 1.00  | 24.00 | 41.00  |  |
| 35-5-171 <sup>18</sup> .....                                                              | F 7.64                                              | 1.72  | 17.22 | 45.75  |  |
| Big Dee Dried Buttermilk.....                                                             | G 32.00                                             | 5.00  | 0.005 | 43.00  |  |
| 35-5-172.....                                                                             | F 33.19                                             | 9.67  | 0.00  | 41.10  |  |
| Little Dee Dairy Feed.....                                                                | G 16.00                                             | 3.50  | 15.00 | 42.00  |  |
| 35-5-173 <sup>18</sup> .....                                                              | F 19.06                                             | 4.51  | 13.21 | 43.21  |  |
| Big Dee Laying Mash.....                                                                  | G 18.00                                             | 4.00  | 7.00  | 48.00  |  |
| 35-5-174 <sup>7,18</sup> .....                                                            | F 23.50                                             | 5.05  | 5.54  | 45.76  |  |
| <b>Darnell's Feed Mill, Granby, Mo.</b>                                                   |                                                     |       |       |        |  |
| Darnell's Mixed Feed.....                                                                 | G 13.50                                             | 3.75  | 9.00  | 45.00  |  |
| 35-3-183.....                                                                             | F 15.13                                             | 3.78  | 8.72  | 57.85  |  |
| Darnell's Laying Mash.....                                                                | G 16.50                                             | 3.50  | 8.00  | 47.00  |  |
| 35-3-184.....                                                                             | F 19.69                                             | 5.02  | 6.97  | 51.96  |  |
| <b>S. P. Davis, Little Rock, Ark.</b>                                                     |                                                     |       |       |        |  |
| Good Luck Brand Prime 41 % Protein Cottonseed Meal.....                                   | G 41.00                                             | 6.00  | 10.00 | 29.00  |  |
| 35-3-104 <sup>4</sup> .....                                                               | F 41.25                                             | 7.89  | 9.96  | 27.12  |  |
| <b>Davis-Cleaver Produce Co., Quincy, Ill.</b>                                            |                                                     |       |       |        |  |
| Ferndale Brand Dried Buttermilk.....                                                      | G 32.00                                             | 5.00  | 0.00  | 35.00  |  |
| 35-9-164.....                                                                             | F 35.31                                             | 8.58  | 0.00  | 39.70  |  |
| Ferndale Brand Dried Buttermilk.....                                                      | G 32.00                                             | 5.00  | 0.00  | 35.00  |  |
| 35-10-89.....                                                                             | F 35.13                                             | 8.68  | 0.00  | 35.97  |  |
| <b>Dawt Mill, Dawt, Mo.</b>                                                               |                                                     |       |       |        |  |
| Pure Soft Wheat Mixed Feed.....                                                           | G 16.00                                             | 3.50  | 8.50  | 52.00  |  |
| 35-1-201 <sup>2</sup> .....                                                               | F 16.88                                             | 5.04  | 8.08  | 55.16  |  |
| Soft Wheat Mixed Feed.....                                                                | G 16.00                                             | 3.50  | 8.50  | 52.00  |  |
| 35-11-178 <sup>2</sup> .....                                                              | F 16.63                                             | 8.25  | 7.64  | 51.14  |  |
| <b>Deal's Grocery and Produce, Kingston, Mo.</b>                                          |                                                     |       |       |        |  |
| Missouri Formula Laying Mash.....                                                         | G 20.00                                             | 5.25  | 5.00  | 44.00  |  |
| 35-11-97.....                                                                             | F 21.25                                             | 5.25  | 4.67  | 51.35  |  |
| <b>De Forest Milling Co., Irondale, Mo.</b>                                               |                                                     |       |       |        |  |
| Wheat Bran.....                                                                           | G 14.50                                             | 3.50  | 11.00 | 47.00  |  |
| 35-8-219 <sup>3</sup> .....                                                               | F 15.94                                             | 4.92  | 6.72  | 55.17  |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F) |       |       |        |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------|-------|-------|--------|
|                                                                                           | Protein                                             | Fat   | Fiber | N.F.E. |
| <b>Gray Wheat Shorts and Ground Wheat Screenings,</b>                                     |                                                     |       |       |        |
| Not Exceeding Mill-run.....                                                               | G 14.13                                             | 2.55  | 6.00  | 65.00  |
| 35-8-221 <sup>4,5,13,22</sup> .....                                                       | F 17.00                                             | 4.47  | 5.46  | 59.58  |
| <b>Mixed Feed.....</b>                                                                    |                                                     |       |       |        |
| 35-8-222 <sup>4,5,22</sup> .....                                                          | G 15.00                                             | 3.46  | 8.42  | 57.32  |
| .....                                                                                     | F 16.25                                             | 4.92  | 8.16  | 55.66  |
| <b>Our Dairy Feed.....</b>                                                                |                                                     |       |       |        |
| 35-8-223 <sup>4,5</sup> .....                                                             | G 15.32                                             | 4.30  | 6.96  | 58.15  |
| .....                                                                                     | F 17.56                                             | 4.62  | 6.87  | 55.39  |
| <b>Our Laying Mash.....</b>                                                               |                                                     |       |       |        |
| 35-8-224 <sup>4,5</sup> .....                                                             | G 20.00                                             | 4.40  | 6.00  | 53.00  |
| .....                                                                                     | F 22.19                                             | 5.22  | 5.14  | 52.39  |
| <b>Denver Alfalfa Milling and Products Co., Lamar, Colo.</b>                              |                                                     |       |       |        |
| <b>Alfalfa Leaf Meal (Leafalfa Brand).....</b>                                            |                                                     |       |       |        |
| 35-2-41.....                                                                              | G 20.00                                             | 2.50  | 18.00 | 40.00  |
| .....                                                                                     | F 22.56                                             | 1.91  | 16.71 | 30.89  |
| <b>Alfalfa Stem Meal.....</b>                                                             |                                                     |       |       |        |
| 35-2-44.....                                                                              | G 9.00                                              | 0.80  | 40.00 | 30.00  |
| .....                                                                                     | F 11.56                                             | 1.22  | 35.54 | 35.57  |
| <b>W. A. Depping, Moscow Mills, Mo.</b>                                                   |                                                     |       |       |        |
| <b>Missouri Formula Egg Mash.....</b>                                                     |                                                     |       |       |        |
| 35-7-43 <sup>10,18</sup> .....                                                            | G 18.00                                             | 5.00  | 5.00  | 47.00  |
| .....                                                                                     | F 22.88                                             | 5.61  | 4.71  | 45.24  |
| <b>Missouri Formula Chick Starter.....</b>                                                |                                                     |       |       |        |
| 35-7-44 <sup>18</sup> .....                                                               | G 14.40                                             | 3.90  | 4.30  | 53.00  |
| .....                                                                                     | F 17.06                                             | 5.01  | 3.68  | 55.14  |
| <b>Dexter Coop. Shipping Assn., Dexter, Mo.</b>                                           |                                                     |       |       |        |
| <b>Dexter Coop. Laying Mash.....</b>                                                      |                                                     |       |       |        |
| 35-1-46 <sup>2</sup> .....                                                                | G 20.00                                             | 4.04  | 5.50  | 58.00  |
| .....                                                                                     | F 18.94                                             | 5.87  | 4.72  | 50.88  |
| <b>Dexter Coop. Starting Mash.....</b>                                                    |                                                     |       |       |        |
| 35-6-163 <sup>10,11,33</sup> .....                                                        | G 14.00                                             | 4.00  | 3.50  | 55.00  |
| .....                                                                                     | F 15.44                                             | 5.33  | 3.04  | 57.57  |
| <b>Yellow Corn Chops.....</b>                                                             |                                                     |       |       |        |
| 35-6-164.....                                                                             | G 9.00                                              | 3.00  | 3.50  | 68.00  |
| .....                                                                                     | F 9.50                                              | 3.89  | 2.27  | 71.70  |
| <b>Dillard's Mill, South Greenfield, Mo.</b>                                              |                                                     |       |       |        |
| <b>Wheat Mixed Feed With Ground Wheat Screenings,</b>                                     |                                                     |       |       |        |
| Not Exceeding Mill-run.....                                                               | G 16.00                                             | 3.50  | 8.50  | 52.00  |
| 35-9-239.....                                                                             | F 16.13                                             | 3.50  | 7.40  | 55.90  |
| <b>Dixie Mills Co., East St. Louis, Ill.</b>                                              |                                                     |       |       |        |
| <b>Holsum Egg Mash.....</b>                                                               |                                                     |       |       |        |
| 35-1-1.....                                                                               | G 18.00                                             | 4.00  | 7.00  | 44.00  |
| .....                                                                                     | F 22.69                                             | 6.27  | 5.79  | 45.30  |
| <b>16 1/2 % Holsum Dairy Feed.....</b>                                                    |                                                     |       |       |        |
| 35-1-68.....                                                                              | G 16.50                                             | 4.00  | 12.00 | 48.00  |
| .....                                                                                     | F 17.69                                             | 2.77  | 7.95  | 52.60  |
| <b>S. F. Scratch Feed.....</b>                                                            |                                                     |       |       |        |
| 35-2-151.....                                                                             | G 10.00                                             | 3.00  | 5.00  | 60.00  |
| .....                                                                                     | F 10.13                                             | 4.16  | 2.58  | 69.21  |
| <b>Dixie Hen Feed.....</b>                                                                |                                                     |       |       |        |
| 35-2-156.....                                                                             | G 10.00                                             | 3.00  | 5.00  | 60.00  |
| .....                                                                                     | F 10.63                                             | 4.28  | 2.91  | 67.19  |
| <b>Holsum Egg Mash.....</b>                                                               |                                                     |       |       |        |
| 35-2-157.....                                                                             | G 18.00                                             | 4.00  | 7.00  | 44.00  |
| .....                                                                                     | F 22.44                                             | 6.01  | 6.47  | 42.37  |
| <b>Dixie Laying Mash.....</b>                                                             |                                                     |       |       |        |
| 35-2-158.....                                                                             | G 20.00                                             | 4.00  | 6.00  | 44.00  |
| .....                                                                                     | F 23.06                                             | 7.30  | 6.39  | 40.88  |
| <b>Dixie Pig Feed.....</b>                                                                |                                                     |       |       |        |
| 35-2-160.....                                                                             | G 20.00                                             | 5.00  | 8.00  | 47.00  |
| .....                                                                                     | F 20.52                                             | 7.11  | 7.37  | 42.50  |
| <b>Holsum Horse Feed.....</b>                                                             |                                                     |       |       |        |
| 35-2-161.....                                                                             | G 9.00                                              | 2.00  | 15.00 | 50.00  |
| .....                                                                                     | F 15.60                                             | 3.04  | 8.93  | 56.90  |
| <b>Screened and Graded Dixie Special Corn Chops.....</b>                                  |                                                     |       |       |        |
| 35-2-164.....                                                                             | G 9.00                                              | 4.00  | 3.00  | 60.00  |
| .....                                                                                     | F 9.44                                              | 4.34  | 1.80  | 69.57  |
| <b>Dixie Meat and Bone Scraps.....</b>                                                    |                                                     |       |       |        |
| 35-2-168.....                                                                             | G 50.00                                             | 6.00  | 6.00  | 5.00   |
| .....                                                                                     | F 46.69                                             | 12.53 | 1.07  | 0.03   |
| <b>16 % Diamond Dairy Feed.....</b>                                                       |                                                     |       |       |        |
| 35-2-171.....                                                                             | G 16.00                                             | 3.50  | 14.00 | 46.00  |
| .....                                                                                     | F 18.06                                             | 3.10  | 8.90  | 50.71  |
| <b>12 % Holsum Dairy Feed.....</b>                                                        |                                                     |       |       |        |
| 35-2-172.....                                                                             | G 12.00                                             | 3.00  | 14.00 | 46.00  |
| .....                                                                                     | F 13.31                                             | 1.67  | 14.84 | 50.97  |
| <b>Dixie Superfine Alfalfa Meal.....</b>                                                  |                                                     |       |       |        |
| 35-2-179.....                                                                             | G 12.00                                             | 1.50  | 33.00 | 35.00  |
| .....                                                                                     | F 12.81                                             | 1.72  | 29.46 | 37.92  |
| <b>Dixie 24 % Cow Feed.....</b>                                                           |                                                     |       |       |        |
| 35-2-183.....                                                                             | G 24.00                                             | 4.30  | 11.00 | 42.00  |
| .....                                                                                     | F 24.81                                             | 4.08  | 7.92  | 46.32  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| Holsum Hen Feed.....                                                                      | G                 | 10.00          | 3.00          | 5.00  | 58.00  |
| 35-2-200.....                                                                             | F                 | 10.13          | 4.14          | 2.47  | 69.70  |
| Dixie Alfalfa Molasses Feed.....                                                          | G                 | 7.00           | 0.50          | 22.00 | 43.00  |
| 35-2-203.....                                                                             | F                 | 8.08           | 1.73          | 25.17 | 42.82  |
| 12 % Holsum Dairy Feed.....                                                               | G                 | 12.00          | 3.00          | 14.00 | 46.00  |
| 35-3-102.....                                                                             | F                 | 11.54          | 2.50          | 17.00 | 51.38  |
| 45—Holsum Horse Feed—45.....                                                              | G                 | 9.00           | 2.00          | 10.00 | 55.00  |
| 35-4-143.....                                                                             | F                 | 10.13          | 3.62          | 8.30  | 59.95  |
| 16 % Diamond Dairy Feed.....                                                              | G                 | 16.00          | 3.50          | 14.00 | 46.00  |
| 35-4-146 <sup>8</sup> .....                                                               | F                 | 15.94          | 2.75          | 9.89  | 53.44  |
| Anchor Molasses Horse and Mule Feed.....                                                  | G                 | 10.00          | 2.50          | 10.00 | 53.00  |
| 35-5-206 <sup>2,9</sup> .....                                                             | F                 | 11.67          | 3.01          | 9.56  | 59.56  |
| Dixie Hen Feed.....                                                                       | G                 | 10.00          | 3.00          | 5.00  | 60.00  |
| 35-6-10.....                                                                              | F                 | 11.75          | 3.71          | 3.58  | 66.59  |
| S. F. Scratch Feed.....                                                                   | G                 | 10.00          | 3.00          | 5.00  | 60.00  |
| 35-6-11.....                                                                              | F                 | 11.38          | 3.65          | 2.94  | 66.79  |
| Dixie Chick Mash.....                                                                     | G                 | 16.50          | 4.00          | 4.00  | 51.00  |
| 35-6-12.....                                                                              | F                 | 19.81          | 4.75          | 4.56  | 53.07  |
| 25—Holsum Horse Feed—25.....                                                              | G                 | 9.00           | 2.00          | 10.00 | 55.00  |
| 35-6-28.....                                                                              | F                 | 6.51           | 1.71          | 17.85 | 55.33  |
| 25—Holsum Horse Feed—25.....                                                              | G                 | 9.00           | 2.00          | 10.00 | 55.00  |
| 35-6-33.....                                                                              | F                 | 10.86          | 1.60          | 16.41 | 50.04  |
| Dixie Horse and Mule Feed.....                                                            | G                 | 10.00          | 2.50          | 12.00 | 53.00  |
| 35-6-34.....                                                                              | F                 | 11.66          | 2.71          | 8.48  | 57.66  |
| Dixie Growing Mash.....                                                                   | G                 | 18.00          | 4.00          | 6.00  | 40.00  |
| 35-6-59 <sup>9</sup> .....                                                                | F                 | 23.31          | 6.98          | 5.28  | 43.55  |
| Dixie All-Mash Starting and Growing Mash.....                                             | G                 | 16.50          | 4.00          | 6.00  | 40.00  |
| 35-6-60 <sup>9</sup> .....                                                                | F                 | 21.19          | 6.40          | 5.60  | 57.91  |
| (Screened and Graded) Dixie Special Corn Chop.....                                        | G                 | 9.00           | 4.00          | 3.00  | 60.00  |
| 35-6-61.....                                                                              | F                 | 10.44          | 3.06          | 1.20  | 71.34  |
| Dixie Chick Feed.....                                                                     | G                 | 10.00          | 3.00          | 5.00  | 58.00  |
| 35-6-62.....                                                                              | F                 | 12.25          | 3.32          | 1.63  | 68.46  |
| S. F. Scratch Feed.....                                                                   | G                 | 10.00          | 3.00          | 5.00  | 60.00  |
| 35-6-63.....                                                                              | F                 | 12.69          | 4.09          | 3.81  | 64.43  |
| 16 ½ %—Holsum Dairy Feed—16 ½ %.....                                                      | G                 | 16.50          | 4.00          | 12.00 | 48.00  |
| 35-6-64.....                                                                              | F                 | 18.63          | 3.73          | 9.50  | 50.24  |
| 45—Holsum Horse Feed—45.....                                                              | G                 | 9.00           | 2.00          | 10.00 | 55.00  |
| 35-6-65.....                                                                              | F                 | 7.31           | 2.34          | 14.77 | 57.90  |
| Anchor Molasses Horse and Mule Feed.....                                                  | G                 | 10.00          | 2.50          | 10.00 | 53.00  |
| 35-6-66.....                                                                              | F                 | 10.57          | 3.50          | 5.77  | 64.89  |
| Dixie 24 % Cow Feed.....                                                                  | G                 | 24.00          | 4.30          | 11.00 | 42.00  |
| 35-6-67.....                                                                              | F                 | 24.25          | 3.77          | 7.72  | 48.07  |
| Dixie Laying Mash.....                                                                    | G                 | 20.00          | 4.00          | 7.00  | 41.00  |
| 35-6-68.....                                                                              | F                 | 21.50          | 6.07          | 5.79  | 47.25  |
| Dixie Meat and Bone Scrap.....                                                            | G                 | 50.00          | 6.00          | 3.00  | 5.00   |
| 35-6-75.....                                                                              | F                 | 47.38          | 12.88         | 1.17  | 1.53   |
| Dixie Superfine Alfalfa Meal.....                                                         | G                 | 12.00          | 1.50          | 33.00 | 35.00  |
| 35-6-77 <sup>9</sup> .....                                                                | F                 | 13.13          | 1.64          | 30.82 | 37.95  |
| Holsum 12 % Dairy Feed.....                                                               | G                 | 12.00          | 3.00          | 14.00 | 46.00  |
| 35-6-79.....                                                                              | F                 | 15.16          | 3.01          | 17.55 | 47.59  |
| Dixie All-Mash Starting and Growing Mash.....                                             | G                 | 16.50          | 4.00          | 6.00  | 40.00  |
| 35-6-110 <sup>8,9,14</sup> .....                                                          | F                 | 20.13          | 6.32          | 5.01  | 50.45  |
| Holsum Chick Feed.....                                                                    | G                 | 10.00          | 3.00          | 5.00  | 58.00  |
| 35-6-111 <sup>29</sup> .....                                                              | F                 | 12.50          | 3.39          | 1.97  | 67.98  |
| Dixota Special Feed.....                                                                  | G                 | 10.00          | 4.00          | 6.50  | 62.50  |
| 35-6-231 <sup>16</sup> .....                                                              | F                 | 11.31          | 3.70          | 7.76  | 58.95  |
| Dried Brewers Grains and Molasses.....                                                    | G                 | 17.00          | 4.50          | 12.00 | 45.00  |
| 35-6-242 <sup>1,2</sup> .....                                                             | F                 | 21.59          | 4.74          | 12.65 | 45.16  |
| S. F. Scratch Feed.....                                                                   | G                 | 10.00          | 3.00          | 5.00  | 60.00  |
| 35-6-243.....                                                                             | F                 | 12.38          | 3.02          | 4.14  | 64.57  |
| Dixie Hen Feed.....                                                                       | G                 | 10.00          | 3.00          | 5.00  | 60.00  |
| 35-7-24.....                                                                              | F                 | 10.63          | 2.27          | 2.63  | 69.76  |
| 16 %—Diamond Dairy Feed—16 %.....                                                         | G                 | 16.00          | 3.50          | 14.00 | 46.00  |
| 35-7-25.....                                                                              | F                 | 15.72          | 2.78          | 14.33 | 48.38  |

| Manufacturer and Address                                                                |  | Chemical Analyses |                |               |        |       |
|-----------------------------------------------------------------------------------------|--|-------------------|----------------|---------------|--------|-------|
| Brand Name, Laboratory Number                                                           |  | %                 | Guaranteed (G) | and Found (F) |        |       |
| "Superior" Figures (see Key)                                                            |  | Protein           | Fat            | Fiber         | N.F.F. |       |
| Dixie Superfine Alfalfa Meal.....                                                       |  | G                 | 12.00          | 1.50          | 33.00  | 35.00 |
| 35-7-40 <sup>9</sup> .....                                                              |  | F                 | 14.75          | 1.88          | 27.42  | 34.67 |
| 45—Holsum Horse Feed—45.....                                                            |  | G                 | 9.00           | 2.00          | 10.00  | 55.00 |
| 35-10-147.....                                                                          |  | F                 | 9.94           | 3.20          | 9.73   | 58.21 |
| Holsum Chick Feed.....                                                                  |  | G                 | 10.00          | 3.00          | 5.00   | 58.00 |
| 35-10-149.....                                                                          |  | F                 | 11.69          | 3.52          | 2.04   | 69.01 |
| Holsum Hen Developing Feed.....                                                         |  | G                 | 10.00          | 3.00          | 5.00   | 58.00 |
| 35-10-150 <sup>10</sup> .....                                                           |  | F                 | 12.31          | 3.92          | 2.88   | 67.36 |
| Dixie All-Mash Starting and Growing Mash.....                                           |  | G                 | 16.50          | 4.00          | 6.00   | 40.00 |
| 35-10-151.....                                                                          |  | F                 | 20.19          | 5.73          | 5.14   | 51.61 |
| Holsum Egg Mash.....                                                                    |  | G                 | 18.00          | 4.00          | 7.00   | 41.00 |
| 35-11-185.....                                                                          |  | F                 | 22.69          | 5.02          | 6.83   | 47.15 |
| 16 ½ %—Holsum Dairy Feed—16 ½ %.....                                                    |  | G                 | 16.50          | 4.00          | 12.00  | 48.00 |
| 35-11-186 <sup>9</sup> .....                                                            |  | F                 | 19.50          | 4.02          | 7.35   | 51.54 |
| <b>Drexel Elev. &amp; Merc. Co., Drexel, Mo.</b>                                        |  |                   |                |               |        |       |
| Drexel Egg Mash.....                                                                    |  | G                 | 19.00          | 3.00          | 8.00   | 40.00 |
| 35-11-218 <sup>7</sup> .....                                                            |  | F                 | 21.75          | 6.04          | 8.27   | 43.66 |
| Drexel Chick Starter.....                                                               |  | G                 | 19.00          | 3.50          | 6.00   | 55.00 |
| 35-11-219 <sup>7</sup> .....                                                            |  | F                 | 20.50          | 6.12          | 6.94   | 47.84 |
| <b>Durham Produce Co., Durham, Mo.</b>                                                  |  |                   |                |               |        |       |
| Missouri Formula All-Mash Chick Starter.....                                            |  | G                 | 14.50          | 3.00          | 5.00   | 50.00 |
| 35-9-168.....                                                                           |  | F                 | 15.75          | 4.73          | 3.49   | 57.57 |
| <b>J. M. Dye and Sons, Vandalla, Mo.</b>                                                |  |                   |                |               |        |       |
| Dye's Nu-Deal Egg Mash.....                                                             |  | G                 | 18.00          | 3.50          | 8.50   | 47.00 |
| 35-10-97.....                                                                           |  | F                 | 20.31          | 4.31          | 1.88   | 56.28 |
| <b>Eagle Flour Mills, Denver, Colo.</b>                                                 |  |                   |                |               |        |       |
| Wheat Mixed Feed and Ground Wheat Screenings,<br>Not Exceeding 8 %.....                 |  | G                 | 15.50          | 4.00          | 8.50   | 52.00 |
| 35-7-131 <sup>7</sup> .....                                                             |  | F                 | 15.81          | 4.32          | 9.11   | 55.00 |
| <b>East Prairie Milling Co., East Prairie, Mo.</b>                                      |  |                   |                |               |        |       |
| Missouri Graded or Screened Corn Chop.....                                              |  | G                 | 7.00           | 3.00          | 2.00   | 70.00 |
| 35-1-84.....                                                                            |  | F                 | 9.63           | 5.18          | 1.63   | 69.62 |
| Missouri Graded or Screened Corn Chop.....                                              |  | G                 | 7.00           | 3.00          | 2.00   | 70.00 |
| 35-4-159 <sup>2</sup> .....                                                             |  | F                 | 9.44           | 3.42          | 1.51   | 69.86 |
| Missouri Wheat Gray Shorts With Ground Wheat<br>Screenings, not Exceeding Mill-run..... |  | G                 | 14.00          | 3.00          | 6.00   | 56.00 |
| 35-4-160 <sup>10</sup> .....                                                            |  | F                 | 15.13          | 4.53          | 4.11   | 61.31 |
| Missouri Wheat Bran With Ground Wheat Screen-<br>ings, not Exceeding Mill-run.....      |  | G                 | 13.50          | 3.00          | 10.00  | 52.00 |
| 35-4-161 <sup>10,22</sup> .....                                                         |  | F                 | 14.00          | 4.06          | 10.50  | 53.79 |
| Missouri Hen Feed.....                                                                  |  | G                 | 9.00           | 3.00          | 4.00   | 68.00 |
| 35-4-162.....                                                                           |  | F                 | 10.13          | 3.67          | 2.72   | 69.24 |
| Missouri Mill-run Dairy Feed.....                                                       |  | G                 | 12.00          | 3.00          | 7.00   | 50.00 |
| 35-4-163 <sup>8,13,22</sup> .....                                                       |  | F                 | 13.63          | 3.38          | 8.91   | 56.59 |
| Missouri Laying Mash.....                                                               |  | G                 | 14.00          | 3.00          | 5.00   | 55.00 |
| 35-4-164 <sup>13</sup> .....                                                            |  | F                 | 16.81          | 6.35          | 5.54   | 51.36 |
| Missouri Mill-run Dairy Feed.....                                                       |  | G                 | 12.00          | 3.00          | 7.00   | 50.00 |
| 35-6-224 <sup>8,13,22</sup> .....                                                       |  | F                 | 12.50          | 5.27          | 9.50   | 56.27 |
| <b>Economy Feed Mills, Harrisonville, Mo.</b>                                           |  |                   |                |               |        |       |
| County Agent's Growing Mash.....                                                        |  | G                 | 17.00          | 4.30          | 5.20   | 52.20 |
| 35-11-211 <sup>7,13</sup> .....                                                         |  | F                 | 19.63          | 4.90          | 4.40   | 51.02 |
| <b>Edgerton Milling Company, Edgerton, Mo.</b>                                          |  |                   |                |               |        |       |
| Gray Wheat Shorts with Ground Wheat Screenings,<br>not Exceeding Mill-run.....          |  | G                 | 16.00          | 4.00          | 6.00   | 55.00 |
| 35-11-98 <sup>7,13,22</sup> .....                                                       |  | F                 | 17.13          | 4.54          | 6.60   | 56.36 |
| Wheat Bran.....                                                                         |  | G                 | 14.50          | 3.25          | 10.00  | 52.98 |
| 35-11-99 <sup>4,5,13</sup> .....                                                        |  | F                 | 15.56          | 4.46          | 10.06  | 51.75 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)   | Chemical Analyses              |      |       |        |
|---------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                             | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                             | Protein                        | Fat  | Fiber | N.F.E. |
| <b>C. H. Edson and Son, Bethany, Mo.</b>                                                    |                                |      |       |        |
| Edson Best All Mash.....                                                                    | G 16.00                        | 4.50 | 6.00  | 50.00  |
| 35-7-52.....                                                                                | F 18.25                        | 4.79 | 5.82  | 51.43  |
| Edson Egg Mash.....                                                                         | G 18.00                        | 4.00 | 12.00 | 71.75  |
| 35-7-53.....                                                                                | F 20.06                        | 6.15 | 7.24  | 45.71  |
| <b>Eggers Milling Co., Chamols, Mo.</b>                                                     |                                |      |       |        |
| Pure Wheat Bran.....                                                                        | G 14.50                        | 3.50 | 9.00  | 52.00  |
| 35-5-133.....                                                                               | F 16.13                        | 3.94 | 9.34  | 52.03  |
| Pure Wheat White Shorts.....                                                                | G 13.50                        | 3.00 | 3.50  | 55.00  |
| 35-5-134 <sup>7</sup> .....                                                                 | F 14.63                        | 2.69 | 0.96  | 66.57  |
| Wheat Mixed Feed and Ground Wheat Screenings,<br>not Exceeding Mill-run.....                | G 16.00                        | 3.50 | 8.50  | 52.00  |
| 35-5-135 <sup>7,13,22</sup> .....                                                           | F 16.75                        | 4.55 | 7.91  | 53.57  |
| Wheat Gray Shorts and Ground Wheat Screenings,<br>not Exceeding Mill-run.....               | G 16.00                        | 3.50 | 6.00  | 55.00  |
| 35-5-136 <sup>22</sup> .....                                                                | F 16.25                        | 5.07 | 5.61  | 55.83  |
| Imperial 18% Laying Mash.....                                                               | G 18.00                        | 4.50 | 6.00  | 50.00  |
| 35-5-137.....                                                                               | F 18.75                        | 5.50 | 4.74  | 50.73  |
| Imperial Starting Mash.....                                                                 | G 17.00                        | 4.50 | 5.50  | 45.00  |
| 35-5-138.....                                                                               | F 21.94                        | 6.17 | 4.38  | 48.27  |
| <b>Elsenmayer Milling Company, Springfield, Mo.</b>                                         |                                |      |       |        |
| Soft Wheat Bran, Wheat Gray Shorts, Ground Wheat<br>Screenings, not Exceeding Mill-run..... | G 15.00                        | 3.50 | 8.50  | 54.00  |
| 35-11-56.....                                                                               | F 15.56                        | 4.51 | 10.76 | 53.44  |
| <b>Eldon Farmers Exchange, Eldon, Mo.</b>                                                   |                                |      |       |        |
| Economy Laying Mash.....                                                                    | G 19.00                        | 4.00 | 8.00  | 50.00  |
| 35-9-251 <sup>9</sup> .....                                                                 | F 21.75                        | 6.14 | 5.09  | 46.17  |
| Economy Dairy Feed.....                                                                     | G 16.00                        | 3.00 | 8.00  | 47.00  |
| 35-9-252.....                                                                               | F 16.88                        | 4.44 | 6.01  | 56.48  |
| <b>Elrod's Feed Mill, Fair Play, Mo.</b>                                                    |                                |      |       |        |
| Special Egg Mash.....                                                                       | G 19.00                        | 5.00 | 5.60  | 48.00  |
| 35-11-40 <sup>4,5,13,22</sup> .....                                                         | F 16.91                        | 5.24 | 7.97  | 52.81  |
| <b>Emma Co-op. Elev. Co., Emma, Mo.</b>                                                     |                                |      |       |        |
| Make Em Lay Egg Mash.....                                                                   | G 18.00                        | 4.00 | 7.00  | 42.00  |
| 35-11-29.....                                                                               | F 17.94                        | 4.72 | 7.25  | 50.81  |
| <b>Enright Milling Co., St. Joseph, Mo.</b>                                                 |                                |      |       |        |
| Enright E Laying Mash.....                                                                  | G 19.50                        | 3.50 | 6.00  | 48.00  |
| 35-7-50.....                                                                                | F 16.50                        | 4.89 | 4.02  | 57.80  |
| Scratch Feed.....                                                                           | G 9.50                         | 2.00 | 4.00  | 62.00  |
| 35-10-37.....                                                                               | F 11.00                        | 3.33 | 1.93  | 70.44  |
| <b>Eureka Mills, St. Louis, Mo.</b>                                                         |                                |      |       |        |
| Eureka Chick Feed.....                                                                      | G 10.00                        | 2.50 | 5.00  | 65.00  |
| 35-5-193.....                                                                               | F 10.31                        | 2.58 | 1.93  | 70.94  |
| Eureka Chick Starter with Buttermilk.....                                                   | G 16.80                        | 4.50 | 6.30  | 51.00  |
| 35-5-194.....                                                                               | F 18.13                        | 4.83 | 3.87  | 53.14  |
| Heneta Hen Feed.....                                                                        | G 10.00                        | 2.50 | 5.00  | 62.00  |
| 35-5-195.....                                                                               | F 10.69                        | 3.07 | 1.96  | 67.62  |
| Eureka Growing Mash.....                                                                    | G 16.00                        | 4.00 | 6.00  | 50.00  |
| 35-5-196.....                                                                               | F 18.06                        | 4.84 | 4.04  | 52.90  |
| Big "E" Poultry Mash.....                                                                   | G 16.00                        | 3.45 | 7.79  | 55.00  |
| 35-5-197.....                                                                               | F 18.06                        | 3.87 | 6.12  | 54.27  |
| Eureka Poultry Fattener.....                                                                | G 14.00                        | 6.00 | 3.00  | 65.00  |
| 35-5-198.....                                                                               | F 15.13                        | 5.17 | 4.53  | 61.03  |
| Eureka Pigeon Feed.....                                                                     | G 12.00                        | 2.00 | 5.00  | 65.00  |
| 35-5-199.....                                                                               | F 13.56                        | 1.88 | 2.98  | 67.25  |
| Eureka Dry Mash.....                                                                        | G 19.00                        | 4.00 | 8.00  | 45.00  |
| 35-5-200.....                                                                               | F 19.25                        | 4.20 | 6.75  | 49.29  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |        |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|--------|
|                                                                                           | Protein                                             | Fat  | Fiber | N.F.E. |
| Eureka Special Dairy Feed.....                                                            | G 20.00                                             | 4.50 | 15.00 | 40.00  |
| 35-5-201.....                                                                             | F 20.81                                             | 3.51 | 10.63 | 44.63  |
| Heneta Laying Mash.....                                                                   | G 15.00                                             | 3.50 | 7.80  | 55.00  |
| 35-5-202.....                                                                             | F 14.06                                             | 3.95 | 5.76  | 57.77  |
| Eureka Hen Feed.....                                                                      | G 10.00                                             | 3.00 | 5.00  | 65.00  |
| 35-5-203.....                                                                             | F 11.44                                             | 2.48 | 2.99  | 67.66  |
| Heneta Laying Mash.....                                                                   | G 15.00                                             | 3.50 | 7.80  | 55.00  |
| 35-9-100.....                                                                             | F 13.94                                             | 4.16 | 5.77  | 59.47  |
| <b>E. B. Evans Feed and Seed Co., Springfield, Mo.</b>                                    |                                                     |      |       |        |
| Red Bird Ideal Dairy Feed.....                                                            | G 16.00                                             | 3.40 | 14.00 | 48.00  |
| 35-3-189.....                                                                             | F 13.82                                             | 3.77 | 11.12 | 52.25  |
| More Egg Mash.....                                                                        | G 19.50                                             | 4.20 | 7.20  | 45.00  |
| 35-3-190.....                                                                             | F 20.88                                             | 5.69 | 7.39  | 47.12  |
| More Egg Chick Mash.....                                                                  | G 15.00                                             | 3.90 | 5.20  | 45.00  |
| 35-3-191.....                                                                             | F 18.06                                             | 5.00 | 4.96  | 50.53  |
| More Egg Scratch Feed.....                                                                | G 12.00                                             | 4.00 | 6.00  | 56.00  |
| 35-3-192.....                                                                             | F 10.32                                             | 3.60 | 2.30  | 69.72  |
| Tip Top Mixed Feed.....                                                                   | G 11.50                                             | 3.40 | 8.50  | 48.00  |
| 35-3-193.....                                                                             | F 14.25                                             | 4.19 | 6.21  | 56.72  |
| Ideal Dairy Feed.....                                                                     | G 10.00                                             | 2.80 | 14.00 | 50.00  |
| 35-3-194 <sup>7</sup> .....                                                               | F 15.50                                             | 3.60 | 10.02 | 52.15  |
| <b>Excello Feed Milling Co., St. Joseph, Mo.</b>                                          |                                                     |      |       |        |
| Excello Hog Feed Special.....                                                             | G 14.00                                             | 3.50 | 6.50  | 48.50  |
| 35-2-21 <sup>13</sup> .....                                                               | F 14.50                                             | 4.34 | 2.79  | 58.15  |
| Reliable Dairy Feed.....                                                                  | G 16.00                                             | 3.50 | 12.00 | 45.00  |
| 35-2-22 <sup>8</sup> .....                                                                | F 15.88                                             | 3.58 | 11.08 | 52.15  |
| Reliable La-Mor Egg Mash.....                                                             | G 16.00                                             | 4.00 | 6.00  | 54.00  |
| 35-4-225.....                                                                             | F 17.75                                             | 4.81 | 6.28  | 50.70  |
| Excello Laying Mash with Buttermilk and Cod Liver<br>Oil.....                             | G 19.00                                             | 4.00 | 8.00  | 42.00  |
| 35-4-226.....                                                                             | F 20.00                                             | 5.15 | 7.54  | 49.10  |
| All Mash Ration.....                                                                      | G 16.00                                             | 4.00 | 6.00  | 55.00  |
| 35-4-231.....                                                                             | F 19.31                                             | 5.84 | 5.02  | 52.39  |
| Excello Chick Starter and Grower.....                                                     | G 19.00                                             | 4.00 | 8.00  | 42.00  |
| 35-7-62 <sup>13</sup> .....                                                               | F 22.06                                             | 6.10 | 5.31  | 46.89  |
| Reliable Chick Feed with Grits.....                                                       | G 10.00                                             | 3.00 | 6.00  | 44.00  |
| 35-7-63 <sup>4,5,10,18</sup> .....                                                        | F 11.25                                             | 3.20 | 2.20  | 69.93  |
| Excello All Mash Ration.....                                                              | G 16.00                                             | 4.00 | 7.00  | 55.00  |
| 35-7-64.....                                                                              | F 18.13                                             | 4.82 | 5.30  | 52.97  |
| Excello Chick Feed.....                                                                   | G 10.00                                             | 3.00 | 6.00  | 55.00  |
| 35-7-65 <sup>4,5,18</sup> .....                                                           | F 12.00                                             | 3.52 | 2.40  | 70.22  |
| Excello Hen Feed.....                                                                     | G 10.00                                             | 3.00 | 6.00  | 55.00  |
| 35-7-66 <sup>9</sup> .....                                                                | F 11.00                                             | 3.98 | 2.40  | 69.77  |
| Excello Quick Fat.....                                                                    | G 12.50                                             | 4.50 | 7.00  | 58.00  |
| 35-7-67.....                                                                              | F 17.13                                             | 4.75 | 6.04  | 57.40  |
| Reliable Dairy Feed.....                                                                  | G 16.00                                             | 3.50 | 12.00 | 45.00  |
| 35-7-68.....                                                                              | F 16.00                                             | 2.84 | 12.22 | 49.56  |
| Excello Horse Feed.....                                                                   | G 10.00                                             | 3.50 | 10.00 | 48.50  |
| 35-7-69.....                                                                              | F 10.63                                             | 3.85 | 5.95  | 62.69  |
| Reliable La-Mor Egg Mash.....                                                             | G 16.00                                             | 4.00 | 6.00  | 54.00  |
| 35-7-70 <sup>13</sup> .....                                                               | F 20.94                                             | 5.74 | 7.20  | 47.51  |
| Excello Aerated Molasses Feed Meal.....                                                   | G 15.00                                             | 0.75 | 8.00  | 55.00  |
| 35-7-72.....                                                                              | F 17.42                                             | 3.23 | 5.71  | 52.63  |
| <b>Excello Sales Co., Joplin, Mo.</b>                                                     |                                                     |      |       |        |
| Old Glory Sweet Lasses Feed.....                                                          | G 9.00                                              | 2.50 | 24.00 | 50.00  |
| 35-7-101.....                                                                             | F 5.82                                              | 1.12 | 24.19 | 46.66  |
| Old Glory Egg Mash.....                                                                   | G 18.00                                             | 4.20 | 8.00  | 49.00  |
| 35-7-102 <sup>8</sup> .....                                                               | F 17.13                                             | 5.52 | 7.23  | 48.47  |
| Keystone Mixed Feed.....                                                                  | G 12.00                                             | 3.50 | 15.00 | 56.00  |
| 35-7-103 <sup>26</sup> .....                                                              | F 13.00                                             | 3.59 | 16.80 | 45.54  |
| Keystone 16% Dairy Ration.....                                                            | G 16.00                                             | 4.50 | 10.00 | 51.00  |
| 35-7-104 <sup>8,9</sup> .....                                                             | F 17.88                                             | 4.54 | 9.90  | 47.55  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |       |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|-------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N.F.E. |
| Old Glory Pin Head Chops.....                                                             | G                              | 9.00    | 3.00  | 3.00 67.00   |
| 35-7-105 <sup>7,9,18</sup> .....                                                          | F                              | 11.69   | 7.17  | 2.23 63.61   |
| Keystone Egg Mash.....                                                                    | G                              | 18.00   | 4.00  | 8.00 45.00   |
| 35-7-106 <sup>13</sup> .....                                                              | F                              | 19.81   | 4.62  | 5.87 48.72   |
| Old Glory Chick Scratch.....                                                              | G                              | 10.00   | 2.50  | 15.00 54.00  |
| 35-7-107 <sup>9</sup> .....                                                               | F                              | 11.44   | 5.85  | 2.58 62.50   |
| Keystone Scratch Grain Feed.....                                                          | G                              | 9.50    | 3.50  | 3.00 63.00   |
| 35-7-108.....                                                                             | F                              | 10.13   | 2.75  | 2.32 70.51   |
| Keystone Poultry Fattening Mash.....                                                      | G                              | 13.00   | 4.40  | 5.50 59.00   |
| 35-7-109.....                                                                             | F                              | 16.13   | 3.82  | 3.13 59.83   |
| Keystone Sweet Lasses Feed.....                                                           | G                              | 12.00   | 3.50  | 15.00 49.00  |
| 35-7-110.....                                                                             | F                              | 9.65    | 1.84  | 18.84 47.25  |
| Keystone Developing Grain.....                                                            | G                              | 9.50    | 3.00  | 4.00 63.00   |
| 35-7-111 <sup>9</sup> .....                                                               | F                              | 10.31   | 3.03  | 2.06 71.69   |
| Keystone Chick Scratch.....                                                               | G                              | 10.00   | 4.00  | 4.00 69.00   |
| 35-7-112.....                                                                             | F                              | 11.13   | 2.50  | 1.79 70.92   |
| Old Glory 16 % Dairy Ration.....                                                          | G                              | 16.00   | 4.00  | 12.00 45.00  |
| 35-7-113.....                                                                             | F                              | 17.44   | 4.06  | 13.96 53.17  |
| Keystone 24 % Dairy Ration.....                                                           | G                              | 24.00   | 4.50  | 10.00 43.00  |
| 35-7-114.....                                                                             | F                              | 28.81   | 3.62  | 8.23 41.33   |
| Keystone Special Hog Balancer.....                                                        | G                              | 40.00   | 11.00 | 8.00 49.00   |
| 35-7-115 <sup>13</sup> .....                                                              | F                              | 38.00   | 4.96  | 5.71 25.82   |
| Keystone Growing Mash.....                                                                | G                              | 16.00   | 4.50  | 8.00 48.00   |
| 35-7-116 <sup>13</sup> .....                                                              | F                              | 19.19   | 5.31  | 6.19 48.84   |
| Keystone Pig Meal.....                                                                    | G                              | 20.00   | 4.00  | 10.00 43.00  |
| 35-7-117.....                                                                             | F                              | 21.18   | 4.27  | 5.98 49.18   |
| Old Glory All Mash Chick Ration.....                                                      | G                              | 15.00   | 3.50  | 5.50 52.00   |
| 35-7-118.....                                                                             | F                              | 17.44   | 5.10  | 5.56 54.14   |
| Keystone Meat and Bone Scraps.....                                                        | G                              | 50.00   | 10.00 | 2.50 6.50    |
| 35-7-119 <sup>3</sup> .....                                                               | F                              | 49.25   | 11.80 | 2.38 0.87    |
| Keystone Chick Starter.....                                                               | G                              | 17.00   | 5.00  | 5.50 51.00   |
| 35-7-120 <sup>8,13</sup> .....                                                            | F                              | 19.63   | 5.32  | 4.83 51.12   |
| Keystone Broiler Mash.....                                                                | G                              | 16.00   | 4.00  | 5.50 59.00   |
| 35-7-121 <sup>8,14,16</sup> .....                                                         | F                              | 16.81   | 5.73  | 5.19 54.53   |
| Keystone Calf Meal.....                                                                   | G                              | 18.00   | 4.00  | 5.50 51.00   |
| 35-7-122 <sup>8,13</sup> .....                                                            | F                              | 20.69   | 4.63  | 4.45 51.96   |
| Keystone Steel Cut Chops.....                                                             | G                              | 9.00    | 3.00  | 3.00 67.00   |
| 35-7-123 <sup>7,9,18</sup> .....                                                          | F                              | 8.88    | 3.34  | 1.39 72.68   |
| Keystone Developer Chops.....                                                             | G                              | 9.00    | 3.00  | 3.00 67.00   |
| 35-7-124 <sup>7,9,18</sup> .....                                                          | F                              | 9.56    | 4.51  | 1.94 70.29   |
| Keystone Pin Head Chops.....                                                              | G                              | 9.00    | 3.00  | 3.00 67.00   |
| 35-7-125 <sup>7,9,18</sup> .....                                                          | F                              | 9.25    | 2.21  | 0.84 74.13   |
| Corn Feed Meal.....                                                                       | G                              | 9.00    | 3.00  | 3.00 67.00   |
| 35-7-126 <sup>2</sup> .....                                                               | F                              | 9.56    | 5.34  | 3.71 66.55   |
| Keystone Horse and Mule Feed.....                                                         | G                              | 10.00   | 2.50  | 15.00 54.00  |
| 35-7-127 <sup>21</sup> .....                                                              | F                              | 8.41    | 2.18  | 15.13 52.74  |
| Old Glory Horse and Mule Feed.....                                                        | G                              | 9.00    | 2.00  | 14.50 55.00  |
| 35-7-128 <sup>8</sup> .....                                                               | F                              | 4.68    | 1.36  | 20.69 48.00  |
| Keystone Egg Mash.....                                                                    | G                              | 18.00   | 4.00  | 8.00 45.00   |
| 35-11-171 <sup>13</sup> .....                                                             | F                              | 17.75   | 6.93  | 7.49 46.59   |
| Keystone Scratch Grain Feed.....                                                          | G                              | 9.50    | 3.50  | 3.00 63.00   |
| 35-11-172.....                                                                            | F                              | 9.50    | 3.63  | 1.51 72.15   |
| Keystone Growing Mash.....                                                                | G                              | 16.00   | 4.50  | 8.00 48.00   |
| 35-11-173 <sup>13</sup> .....                                                             | F                              | 18.94   | 5.64  | 7.61 47.56   |
| Keystone Broiler Mash.....                                                                | G                              | 16.00   | 4.00  | 5.50 59.00   |
| 35-11-174 <sup>8,14,16</sup> .....                                                        | F                              | 17.25   | 4.93  | 5.42 54.34   |
| Keystone Mixed Feed.....                                                                  | G                              | 12.00   | 3.50  | 15.00 56.00  |
| 35-11-175.....                                                                            | F                              | 13.25   | 3.53  | 15.63 46.57  |
| Keystone Poultry Fattening Mash.....                                                      | G                              | 13.00   | 4.40  | 5.50 59.00   |
| 35-11-176.....                                                                            | F                              | 15.44   | 6.56  | 4.11 58.86   |
| <b>Fair Play Roller Mill, Fair Play, Mo..</b>                                             |                                |         |       |              |
| Elrod's Special Soft Wheat Mixed Feed.....                                                | G                              | 16.00   | 4.00  | 8.50 52.00   |
| 35-11-41.....                                                                             | F                              | 16.50   | 4.81  | 7.01 56.47   |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |        |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|--------|
|                                                                                           | Protein                                             | Fat  | Fiber | N.F.E. |
| <b>Famo Feed Milling Co., St. Joseph, Mo.</b>                                             |                                                     |      |       |        |
| Famo Chick Starting Mash.....                                                             | G 17.00                                             | 4.00 | 5.00  | 48.00  |
| 35-5-154.....                                                                             | F 19.25                                             | 5.85 | 4.49  | 50.29  |
| Famo All Mash Chick Ration.....                                                           | G 16.00                                             | 4.00 | 7.00  | 48.00  |
| 35-5-155.....                                                                             | F 18.06                                             | 5.60 | 5.47  | 51.97  |
| Famo Egg Mash with Cod Liver Oil and Buttermilk.....                                      | G 20.00                                             | 4.00 | 7.50  | 46.50  |
| 35-5-156 <sup>9</sup> .....                                                               | F 19.06                                             | 5.56 | 5.68  | 51.28  |
| Famo Pig Meal.....                                                                        | G 28.00                                             | 5.50 | 7.50  | 41.50  |
| 35-5-157.....                                                                             | F 29.44                                             | 5.30 | 7.02  | 40.87  |
| Famo Triple E Laying Mash.....                                                            | G 18.00                                             | 3.50 | 7.75  | 53.25  |
| 35-5-158.....                                                                             | F 19.25                                             | 5.12 | 6.54  | 50.07  |
| Famo Hog Feed Special.....                                                                | G 32.00                                             | 4.50 | 7.50  | 40.00  |
| 35-5-159.....                                                                             | F 32.75                                             | 5.12 | 5.93  | 36.14  |
| Famo Growing Mash.....                                                                    | G 14.00                                             | 4.50 | 5.00  | 51.50  |
| 35-5-160.....                                                                             | F 18.25                                             | 5.35 | 4.96  | 50.71  |
| Famo Overflow Dairy Feed.....                                                             | G 24.00                                             | 4.00 | 10.00 | 45.00  |
| 35-5-162 <sup>9</sup> .....                                                               | F 25.31                                             | 4.15 | 8.37  | 44.27  |
| <b>Farmers Coop. Assn., Beaufort, Mo.</b>                                                 |                                                     |      |       |        |
| Farmers Best 18% Laying Mash.....                                                         | G 18.00                                             | 4.50 | 6.00  | 50.00  |
| 35-11-243.....                                                                            | F 18.06                                             | 5.71 | 4.82  | 52.43  |
| Farmers Best Growing Mash.....                                                            | G 16.00                                             | 4.50 | 6.00  | 50.00  |
| 35-11-244.....                                                                            | F 17.88                                             | 5.95 | 4.03  | 53.05  |
| Farmers Best Starting Mash.....                                                           | G 17.00                                             | 4.50 | 5.50  | 45.00  |
| 35-11-245.....                                                                            | F 17.56                                             | 5.45 | 4.51  | 55.29  |
| <b>Farmers Coop. Assn., Brunswick, Mo.</b>                                                |                                                     |      |       |        |
| Early Bird Starter Mash.....                                                              | G 16.00                                             | 5.50 | 4.75  | 54.00  |
| 35-8-117.....                                                                             | F 17.31                                             | 6.26 | 3.81  | 53.33  |
| Brunswick Laying Mash.....                                                                | G 18.00                                             | 5.01 | 7.00  | 51.04  |
| 35-8-118 <sup>6,13,25</sup> .....                                                         | F 16.38                                             | 4.46 | 6.83  | 54.24  |
| <b>Farmers Coop. Co., Dixon, Mo.</b>                                                      |                                                     |      |       |        |
| Soft Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding 8%.....                 | G 15.00                                             | 3.00 | 6.00  | 55.00  |
| 35-9-9.....                                                                               | F 15.63                                             | 3.16 | 4.39  | 62.23  |
| Soft Wheat Bran and Ground Wheat Screenings, not Exceeding 5%.....                        | G 14.00                                             | 3.00 | 11.00 | 47.00  |
| 35-9-10.....                                                                              | F 16.44                                             | 3.58 | 6.74  | 57.60  |
| <b>Farmers Co-op. Co., McFail, Mo.</b>                                                    |                                                     |      |       |        |
| Patton's Pork Producer.....                                                               | G 25.00                                             | 4.00 | 7.00  | 42.00  |
| 35-7-54 <sup>7,20</sup> .....                                                             | F 25.06                                             | 5.89 | 6.25  | 43.88  |
| <b>Farmers Cooperative Elevator Assn., Harrisonville, Mo.</b>                             |                                                     |      |       |        |
| Supreme Chick Starting Mash.....                                                          | G 15.00                                             | 4.00 | 5.00  | 54.00  |
| 35-9-27 <sup>9,22</sup> .....                                                             | F 17.69                                             | 4.34 | 4.36  | 53.77  |
| Missouri Egg Mash.....                                                                    | G 18.00                                             | 3.50 | 7.50  | 41.00  |
| 35-9-28 <sup>9,11,22</sup> .....                                                          | F 18.25                                             | 4.86 | 6.31  | 47.52  |
| Supreme Chick Growing Mash.....                                                           | G 17.00                                             | 3.25 | 6.50  | 48.00  |
| 35-9-29 <sup>9,22</sup> .....                                                             | F 20.19                                             | 4.74 | 5.97  | 47.90  |
| Supreme Egg Mash.....                                                                     | G 19.00                                             | 4.00 | 6.50  | 42.00  |
| 35-9-30 <sup>8,9,11</sup> .....                                                           | F 22.13                                             | 4.94 | 5.63  | 46.23  |
| <b>Farmers Cooperative Elevator and Shipping Assn., Kirksville, Mo.</b>                   |                                                     |      |       |        |
| Pride of Adair Laying Mash.....                                                           | G 18.00                                             | 4.00 | 9.00  | 45.00  |
| 35-4-228 <sup>8</sup> .....                                                               | F 18.31                                             | 5.09 | 5.70  | 51.50  |
| Pride of Adair Laying Mash.....                                                           | G 18.00                                             | 4.00 | 9.00  | 45.00  |
| 35-12-193 <sup>8,9</sup> .....                                                            | F 19.56                                             | 5.17 | 7.00  | 48.00  |
| Golden Rule Egg Mash.....                                                                 | G 20.00                                             | 4.50 | 7.50  | 40.00  |
| 35-12-194 <sup>8,10</sup> .....                                                           | F 20.07                                             | 5.99 | 6.50  | 47.59  |
| Golden Rule All Mash Chick Starter.....                                                   | G 15.00                                             | 4.50 | 6.50  | 55.00  |
| 35-12-202.....                                                                            | F 16.94                                             | 5.62 | 4.00  | 55.35  |
| Golden Rule Turkey Grower.....                                                            | G 24.00                                             | 4.50 | 6.50  | 40.00  |
| 35-12-203.....                                                                            | F 26.44                                             | 6.41 | 5.16  | 45.43  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| <b>Farmers Cooperative Exch., Cabool, Mo.</b>                                             |                                |         |      |              |
| Ozark Pride Mixed Feed.....                                                               | G                              | 13.00   | 3.00 | 14.50 50.00  |
| 35-3-112 <sup>18,22</sup> .....                                                           | F                              | 14.63   | 4.63 | 14.35 49.91  |
| Early Bird Dairy Feed.....                                                                | G                              | 16.00   | 3.10 | 13.00 45.00  |
| 35-3-113 <sup>18,22</sup> .....                                                           | F                              | 18.19   | 5.62 | 12.06 47.63  |
| Ozark Pride Laying Mash.....                                                              | G                              | 18.00   | 4.00 | 7.50 48.00   |
| 35-3-114 <sup>18,22</sup> .....                                                           | F                              | 20.19   | 6.12 | 6.66 49.84   |
| <b>Farmers Cooperative Exchange No. 68, Milan, Mo.</b>                                    |                                |         |      |              |
| Golden Rule Egg Mash.....                                                                 | G                              | 18.00   | 4.00 | 9.00 45.00   |
| 35-7-81 <sup>12,14</sup> .....                                                            | F                              | 22.50   | 4.10 | 5.63 48.34   |
| <b>Farmers Cooperative Shipping Assn., Green City, Mo.</b>                                |                                |         |      |              |
| Golden Rule All Mash Chick Starter.....                                                   | G                              | 15.00   | 4.50 | 6.50 55.00   |
| 35-7-82 <sup>22</sup> .....                                                               | F                              | 16.38   | 5.00 | 4.93 55.55   |
| Golden Rule Laying Mash.....                                                              | G                              | 20.00   | 4.50 | 7.50 40.00   |
| 35-7-83 <sup>7,22</sup> .....                                                             | F                              | 21.31   | 4.91 | 6.81 43.98   |
| Farmers Special Laying Mash.....                                                          | G                              | 18.00   | 3.75 | 8.50 42.00   |
| 35-7-84 <sup>7,8</sup> .....                                                              | F                              | 20.06   | 4.83 | 6.38 47.82   |
| Golden Rule Dairy Feed.....                                                               | G                              | 16.00   | 3.50 | 11.00 40.00  |
| 35-7-85.....                                                                              | F                              | 16.50   | 3.52 | 8.80 52.34   |
| <b>Farmers Elevator Assn., Berger, Mo.</b>                                                |                                |         |      |              |
| Nu-Way 18% Laying Mash.....                                                               | G                              | 18.00   | 4.50 | 6.00 50.00   |
| 35-5-142.....                                                                             | F                              | 17.38   | 4.95 | 4.30 53.91   |
| Nu-Way Starting Mash.....                                                                 | G                              | 17.00   | 4.50 | 5.50 45.00   |
| 35-5-143.....                                                                             | F                              | 18.63   | 5.37 | 4.06 54.01   |
| <b>Farmers Elevator Co., Dalton, Mo.</b>                                                  |                                |         |      |              |
| Missouri Formula All Mash Chick Starter.....                                              | G                              | 14.50   | 3.00 | 5.00 50.00   |
| 35-10-58 <sup>7,18</sup> .....                                                            | F                              | 16.75   | 4.45 | 2.46 56.60   |
| Dalton Laying Mash.....                                                                   | G                              | 19.00   | 3.50 | 6.00 42.00   |
| 35-10-59 <sup>7</sup> .....                                                               | F                              | 22.19   | 4.99 | 3.38 48.02   |
| Dalton's Best All Mash Starter and Grower.....                                            | G                              | 16.00   | 4.50 | 6.00 50.00   |
| 35-10-60.....                                                                             | F                              | 17.31   | 4.55 | 3.90 54.26   |
| Dalton Laying Mash.....                                                                   | G                              | 19.00   | 3.50 | 6.00 42.00   |
| 35-12-247 <sup>7,22</sup> .....                                                           | F                              | 23.69   | 5.51 | 3.42 48.67   |
| <b>Farmers Elevator Co., Gerald, Mo.</b>                                                  |                                |         |      |              |
| Our Own Starting Mash.....                                                                | G                              | 17.00   | 4.50 | 5.50 45.00   |
| 35-8-207.....                                                                             | F                              | 18.44   | 5.43 | 3.85 55.29   |
| Our Own 18% Laying Mash.....                                                              | G                              | 18.00   | 4.50 | 6.00 50.00   |
| 35-8-208.....                                                                             | F                              | 17.81   | 4.84 | 4.65 54.05   |
| <b>Farmers Elevator Co., Salisbury, Mo.</b>                                               |                                |         |      |              |
| Twin Feed Growing Mash.....                                                               | G                              | 19.69   | 4.82 | 3.17 51.24   |
| 35-8-109 <sup>3,11</sup> .....                                                            | F                              | 16.31   | 3.74 | 3.81 47.84   |
| Big Smile Chick Mash.....                                                                 | G                              | 16.00   | 4.44 | 7.51 52.39   |
| 35-8-110.....                                                                             | F                              | 15.94   | 5.43 | 2.75 57.05   |
| Satisfaction Laying Mash.....                                                             | G                              | 18.82   | 3.11 | 7.53 56.01   |
| 35-8-111.....                                                                             | F                              | 17.00   | 3.97 | 4.57 53.76   |
| Milk Maid Dairy Feed.....                                                                 | G                              | 16.20   | 3.75 | 7.97 59.35   |
| 35-8-112.....                                                                             | F                              | 16.38   | 3.30 | 7.19 53.00   |
| <b>Farmers Elevator Co., Shelbyville, Mo.</b>                                             |                                |         |      |              |
| Our Own Make Laying Mash.....                                                             | G                              | 16.88   | 4.87 | 4.25 58.06   |
| 35-4-58 <sup>4,5,13,14</sup> .....                                                        | F                              | 17.63   | 5.06 | 3.84 55.17   |
| <b>Farmers Elevator and Coop. Assn., Boonville, Mo.</b>                                   |                                |         |      |              |
| Farm Club Pride.....                                                                      | G                              | 17.00   | 3.00 | 7.00 46.00   |
| 35-5-82 <sup>11,13</sup> .....                                                            | F                              | 17.38   | 4.93 | 4.33 54.27   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber | N.F.E. |
| <b>Farmers Elevator and Exchange, Hannibal, Mo.</b>                                       |                                |         |      |       |        |
| Square Brand Feeds—Red Square Egg Mash.....                                               | G                              | 16 00   | 3 00 | 10 50 | 42.50  |
| 35-6-225.....                                                                             | F                              | 19.19   | 4.31 | 7.99  | 47.44  |
| Missouri Formula Chick Starter.....                                                       | G                              | 14.50   | 3.00 | 5.00  | 50.00  |
| 35-6-226 <sup>13,18</sup> .....                                                           | F                              | 17 06   | 4 70 | 3 41  | 54.04  |
| <b>Farmers Elevator and Exch. Co., Monroe City, Mo.</b>                                   |                                |         |      |       |        |
| Universal Chick Mash.....                                                                 | G                              | 16.00   | 4.30 | 6.50  | 54 10  |
| 35-7-8 <sup>4,5,13,33</sup> .....                                                         | F                              | 16.81   | 6.00 | 3.99  | 56.90  |
| Universal Growing Mash.....                                                               | G                              | 19.30   | 4.20 | 7.00  | 56 20  |
| 35-7-9 <sup>4,5,13,33</sup> .....                                                         | F                              | 20.69   | 5.93 | 5 07  | 48 43  |
| Universal Dairy Feed.....                                                                 | G                              | 16.56   | 3.83 | 6 75  | 58 08  |
| 35-7-10.....                                                                              | F                              | 18.56   | 4 58 | 5 50  | 55.72  |
| <b>Farmers Equity Exchange, Bowling Green, Mo.</b>                                        |                                |         |      |       |        |
| Missouri Chick Starter with Buttermilk.....                                               | G                              | 14.00   | 3 00 | 5 50  | 50 00  |
| 35-7-12 <sup>22,23</sup> .....                                                            | F                              | 17.44   | 6.37 | 4 73  | 54 79  |
| Missouri Growing Mash.....                                                                | G                              | 17 00   | 3 00 | 6 50  | 48 00  |
| 35-7-13 <sup>0,33</sup> .....                                                             | F                              | 19.69   | 5 22 | 4 67  | 50.22  |
| Mountain Grove Egg Mash.....                                                              | G                              | 18.00   | 3 50 | 7 50  | 49.00  |
| 35-7-14 <sup>8,9</sup> .....                                                              | F                              | 18 94   | 6 00 | 7 17  | 50 87  |
| Mountain Grove Egg Mash.....                                                              | G                              | 18.00   | 3 50 | 7 50  | 49 00  |
| 35-12-72.....                                                                             | F                              | 18.44   | 8.35 | 7 59  | 49 19  |
| <b>Farmers Exchange, Fair Grove, Mo.</b>                                                  |                                |         |      |       |        |
| Farmers Special Egg Mash.....                                                             | G                              | 18 00   | 3.50 | 7 50  | 44 00  |
| 35-1-197 <sup>17</sup> .....                                                              | F                              | 20 25   | 6 18 | 5 14  | 48 05  |
| <b>Farmers Exchange, Grove Springs, Mo.</b>                                               |                                |         |      |       |        |
| Laying Mash.....                                                                          | G                              | 17 00   | 3 50 | 6 50  | 46 00  |
| 35-10-235.....                                                                            | F                              | 20 38   | 4 30 | 5 27  | 50 45  |
| <b>Farmers Exchange, Halfway, Mo.</b>                                                     |                                |         |      |       |        |
| Real Chick Mash with Buttermilk.....                                                      | G                              | 14.00   | 3.00 | 5.00  | 54.00  |
| 35-9-203 <sup>7</sup> .....                                                               | F                              | 16.69   | 4.19 | 3.09  | 58.54  |
| Real Chick Mash.....                                                                      | G                              | 10.50   | 3.50 | 5.25  | 56.00  |
| 35-9-204 <sup>7</sup> .....                                                               | F                              | 13.06   | 3.73 | 3.59  | 60.32  |
| Real Laying Mash.....                                                                     | G                              | 16.00   | 3.50 | 10.00 | 44.00  |
| 35-9-205 <sup>7,30</sup> .....                                                            | F                              | 19.81   | 5.02 | 6.67  | 47.86  |
| Murphy's Vig-O-Ray Starting Mash.....                                                     | G                              | 17.00   | 3.00 | 7.00  | 50.00  |
| 35-9-206 <sup>6,18</sup> .....                                                            | F                              | 18.75   | 4.32 | 3.96  | 54.37  |
| <b>Farmers Exchange, Humansville, Mo.</b>                                                 |                                |         |      |       |        |
| M. F. A. Economy Egg Mash.....                                                            | G                              | 20 00   | 5.00 | 6 00  | 49 00  |
| 35-11-37 <sup>13,18</sup> .....                                                           | F                              | 22.19   | 5.41 | 5.20  | 47.60  |
| M. F. A. Economy Dairy Feed.....                                                          | G                              | 16 00   | 4 00 | 9 00  | 61 00  |
| 35-11-38 <sup>9</sup> .....                                                               | F                              | 16 25   | 4 38 | 6 11  | 57.53  |
| <b>Farmers Exchange, Macon, Mo.</b>                                                       |                                |         |      |       |        |
| Victory Egg Mash.....                                                                     | G                              | 18 00   | 5.00 | 8.00  | 50 00  |
| 35-8-78 <sup>22</sup> .....                                                               | F                              | 19 63   | 4 69 | 6 44  | 49 75  |
| Economy Laying Mash.....                                                                  | G                              | 17 00   | 5 00 | 8 00  | 50 00  |
| 35-8-79 <sup>22</sup> .....                                                               | F                              | 18.50   | 5 12 | 5 87  | 51 62  |
| Economy All Mash.....                                                                     | G                              | 15 00   | 5 00 | 4 00  | 50 00  |
| 35-8-80 <sup>22</sup> .....                                                               | F                              | 21 19   | 4 90 | 3 90  | 53 26  |
| <b>Farmers Exchange, Maryville, Mo.</b>                                                   |                                |         |      |       |        |
| Farm-Ex All-Mash.....                                                                     | G                              | 15.00   | 4 00 | 5 00  | 50 00  |
| 35-7-55 <sup>7,22</sup> .....                                                             | F                              | 15.56   | 5 01 | 3 17  | 58 77  |
| Economy Growing Mash.....                                                                 | G                              | 16.00   | 4 00 | 7 00  | 43 00  |
| 35-7-56.....                                                                              | F                              | 16 81   | 5.11 | 4 03  | 55.89  |
| Farm-Ex Egg Mash.....                                                                     | G                              | 18.00   | 4.00 | 7 00  | 44 00  |
| 35-7-57.....                                                                              | F                              | 17 63   | 4 23 | 5.44  | 50 06  |
| <b>Farmers Exchange, Montier, Mo.</b>                                                     |                                |         |      |       |        |
| Montier Egg Mash.....                                                                     | G                              | 16 00   | 3 50 | 8 00  | 48 70  |
| 35-2-140 <sup>18,25</sup> .....                                                           | F                              | 17 31   | 5 18 | 5 50  | 55 98  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |             |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E.      |
| <b>Farmers Exchange, Neosho, Mo..</b>                                                     |                   |                |               |             |
| Missouri Formula Laying Mash.....                                                         | G                 | 20.00          | 3.50          | 6.50 44.00  |
| 35-3-134 <sup>13</sup> .....                                                              | F                 | 18.75          | 4.76          | 4.45 52.07  |
| Missouri Formula All Mash Chick Starter.....                                              | G                 | 14.00          | 3.50          | 5.00 54.00  |
| 35-3-135 <sup>13,22</sup> .....                                                           | F                 | 15.63          | 4.71          | 4.34 57.79  |
| Our Dairy Feed.....                                                                       | G                 | 14.00          | 3.50          | 5.00 53.00  |
| 35-3-181.....                                                                             | F                 | 13.03          | 3.77          | 8.70 59.22  |
| <b>Farmers Exchange, New Cambria, Mo.</b>                                                 |                   |                |               |             |
| Triple B Laying Mash.....                                                                 | G                 | 18.00          | 4.00          | 7.50 40.00  |
| 35-5-106.....                                                                             | F                 | 19.25          | 5.81          | 5.58 50.37  |
| Our Own Starting Mash.....                                                                | G                 | 17.00          | 4.50          | 5.50 45.00  |
| 35-5-107.....                                                                             | F                 | 18.00          | 5.23          | 4.56 55.18  |
| <b>Farmers Exchange, Rogersville, Mo.</b>                                                 |                   |                |               |             |
| Exchange Laying Mash.....                                                                 | G                 | 18.00          | 4.80          | 6.20 52.00  |
| 35-10-141 <sup>4,5,13</sup> .....                                                         | F                 | 20.19          | 4.77          | 5.38 51.84  |
| Exchange Dairy Feed.....                                                                  | G                 | 14.50          | 4.50          | 9.40 60.00  |
| 35-10-142 <sup>4,5</sup> .....                                                            | F                 | 15.19          | 4.30          | 10.07 54.83 |
| Exchange Starter Mash.....                                                                | G                 | 15.00          | 4.00          | 5.50 48.00  |
| 35-10-143 <sup>4,5</sup> .....                                                            | F                 | 17.13          | 4.05          | 3.24 58.01  |
| Missouri Formula Developing Mash.....                                                     | G                 | 17.00          | 3.50          | 6.00 46.00  |
| 35-10-144 <sup>2</sup> .....                                                              | F                 | 19.50          | 4.51          | 4.76 50.52  |
| <b>Farmers Exchange, Shelbyville, Mo.</b>                                                 |                   |                |               |             |
| No. 544 Laying Mash.....                                                                  | G                 | 19.00          | 5.00          | 6.50 47.00  |
| 35-4-59 <sup>22</sup> .....                                                               | F                 | 21.44          | 6.12          | 6.47 48.31  |
| <b>Farmers Exchange, Trenton, Mo.</b>                                                     |                   |                |               |             |
| "Popular Laying Mash".....                                                                | G                 | 20.00          | 4.00          | 7.00 45.00  |
| 35-12-245 <sup>18,22</sup> .....                                                          | F                 | 22.50          | 5.60          | 6.29 46.46  |
| <b>Farmers Exchange, Weaubleau, Mo.</b>                                                   |                   |                |               |             |
| Mixed Feed.....                                                                           | G                 | 16.00          | 4.00          | 8.00 55.00  |
| 35-3-55 <sup>1</sup> .....                                                                | F                 | 17.88          | 3.76          | 7.15 55.44  |
| <b>Farmers Exchange, Webb City, Mo.</b>                                                   |                   |                |               |             |
| Exchange Laying Mash.....                                                                 | G                 | 19.00          | 3.50          | 6.00 47.00  |
| 35-7-215.....                                                                             | F                 | 17.40          | 6.53          | 5.89 49.19  |
| Exchange Chick All Mash.....                                                              | G                 | 16.50          | 4.00          | 4.50 54.50  |
| 35-7-216.....                                                                             | F                 | 16.50          | 6.08          | 3.97 56.33  |
| Exchange Dairy Feed.....                                                                  | G                 | 12.00          | 3.00          | 15.00 48.50 |
| 35-7-217.....                                                                             | F                 | 14.69          | 3.20          | 13.44 50.25 |
| O. K. Laying Mash.....                                                                    | G                 | 18.00          | 3.50          | 9.00 59.50  |
| 35-7-218 <sup>4,5,11</sup> .....                                                          | F                 | 18.19          | 4.96          | 7.17 52.04  |
| Exchange Mixed Feed.....                                                                  | G                 | 12.00          | 3.00          | 15.00 52.50 |
| 35-7-219.....                                                                             | F                 | 13.19          | 4.22          | 14.56 51.30 |
| Exchange O. K. Mix Feed.....                                                              | G                 | 12.40          | 3.00          | 16.00 52.50 |
| 35-7-220.....                                                                             | F                 | 13.63          | 3.46          | 15.91 50.98 |
| Farmers Friend Mix Feed.....                                                              | G                 | 8.00           | 2.50          | 25.00 35.00 |
| 35-7-221 <sup>5,6,16,24,25</sup> .....                                                    | F                 | 9.13           | 2.34          | 23.96 47.76 |
| Exchange Hen Feed.....                                                                    | G                 | 10.00          | 3.50          | 3.60 62.50  |
| 35-7-222 <sup>2</sup> .....                                                               | F                 | 10.25          | 3.40          | 2.69 69.98  |
| Exchange Hen Feed.....                                                                    | G                 | 10.00          | 3.50          | 3.60 62.50  |
| 35-11-165 <sup>4,5,18</sup> .....                                                         | F                 | 11.13          | 3.71          | 2.81 68.87  |
| Exchange Dairy Feed.....                                                                  | G                 | 12.00          | 3.00          | 15.00 48.50 |
| 35-11-166 <sup>18</sup> .....                                                             | F                 | 13.13          | 3.91          | 15.65 50.80 |
| Exchange Mixed Feed.....                                                                  | G                 | 12.00          | 3.00          | 15.00 52.50 |
| 35-11-167 <sup>18</sup> .....                                                             | F                 | 12.88          | 3.59          | 15.34 50.75 |
| Exchange O. K. Mix Feed.....                                                              | G                 | 12.40          | 3.00          | 16.00 52.50 |
| 35-11-168 <sup>9,18</sup> .....                                                           | F                 | 12.81          | 3.13          | 15.55 52.41 |
| Exchange Gray Wheat Shorts and Wheat Bran.....                                            | G                 | 15.00          | 3.00          | 4.00 63.00  |
| 35-11-169.....                                                                            | F                 | 15.75          | 4.14          | 7.79 55.36  |
| Exchange Steel Cut Screened Corn Chops.....                                               | G                 | 9.00           | 3.00          | 3.50 66.50  |
| 35-11-170.....                                                                            | F                 | 9.13           | 3.07          | 1.59 72.69  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| <b>Farmers Exchange, West Plains, Mo.</b>                                                 |                                |      |       |        |
| Economy Laying Mash.....                                                                  | G 20.00                        | 6.00 | 6.00  | 50.00  |
| 35-12-18 <sup>4,5,13</sup> .....                                                          | F 20.50                        | 6.00 | 6.00  | 48.03  |
| <b>Farmers Exchange &amp; Milling Co., Kirksville, Mo.</b>                                |                                |      |       |        |
| Standard Wheat Bran.....                                                                  | G 15.00                        | 3.50 | 10.50 | 50.00  |
| 35-12-19 <sup>3,18</sup> .....                                                            | F 16.13                        | 4.29 | 9.63  | 52.34  |
| <b>Farmers Feed and Supply Co., Excelsior Springs, Mo.</b>                                |                                |      |       |        |
| Missouri Laying Mash.....                                                                 | G 19.00                        | 3.50 | 7.50  | 44.00  |
| 35-8-165 <sup>2</sup> .....                                                               | F 20.50                        | 5.38 | 4.54  | 48.48  |
| <b>Farmers Feed, Grain and Seed Co., Sweet Springs, Mo.</b>                               |                                |      |       |        |
| New Deal All Mash Chick Starter.....                                                      | G 18.00                        | 3.50 | 5.00  | 45.00  |
| 35-5-76 <sup>22</sup> .....                                                               | F 19.18                        | 6.21 | 4.81  | 47.32  |
| New Deal Egg Mash.....                                                                    | G 18.00                        | 4.00 | 4.50  | 55.00  |
| 35-5-77 <sup>22</sup> .....                                                               | F 16.69                        | 4.33 | 4.89  | 54.49  |
| New Deal Dairy Feed.....                                                                  | G 20.00                        | 4.50 | 6.50  | 54.00  |
| 35-5-78 <sup>22</sup> .....                                                               | F 17.25                        | 4.46 | 5.97  | 53.47  |
| Needed Change Laying Mash.....                                                            | G 15.00                        | 3.50 | 6.50  | 45.00  |
| 35-5-79.....                                                                              | F 16.69                        | 5.03 | 5.37  | 53.98  |
| <b>Farmers Grain Elevator Co., Butler, Mo.</b>                                            |                                |      |       |        |
| Missouri Egg Mash.....                                                                    | G 18.00                        | 4.00 | 8.00  | 46.00  |
| 35-9-24.....                                                                              | F 19.19                        | 4.19 | 5.94  | 48.60  |
| Missouri Chick Starter.....                                                               | G 18.00                        | 4.00 | 7.00  | 46.00  |
| 35-9-25.....                                                                              | F 18.07                        | 4.19 | 4.50  | 53.12  |
| Missouri Chick Grower.....                                                                | G 17.00                        | 3.50 | 7.00  | 48.00  |
| 35-9-26 <sup>13</sup> .....                                                               | F 19.56                        | 4.80 | 5.20  | 47.41  |
| Missouri Egg Mash.....                                                                    | G 18.00                        | 4.00 | 8.00  | 46.00  |
| 35-11-64.....                                                                             | F 18.94                        | 4.73 | 6.63  | 50.73  |
| Missouri Chick Grower.....                                                                | G 17.00                        | 3.50 | 7.00  | 48.00  |
| 35-11-65 <sup>13</sup> .....                                                              | F 19.25                        | 5.29 | 6.91  | 47.80  |
| <b>Farmers Grain and Elevator Co., Owensville, Mo.</b>                                    |                                |      |       |        |
| Best By Test 18 % Laying Mash.....                                                        | G 18.00                        | 4.50 | 6.00  | 50.00  |
| 35-8-237.....                                                                             | F 18.94                        | 5.13 | 4.66  | 52.20  |
| Best By Test Starting Mash.....                                                           | G 17.00                        | 4.50 | 5.50  | 45.00  |
| 35-8-238.....                                                                             | F 18.75                        | 5.12 | 4.07  | 53.73  |
| <b>Farmers Grain, Produce and Merc. Co., New Hampton, Mo.</b>                             |                                |      |       |        |
| Farmers Best Laying Mash.....                                                             | G 18.00                        | 4.00 | 10.00 | 43.00  |
| 35-7-51 <sup>7</sup> .....                                                                | F 19.94                        | 5.64 | 7.66  | 49.39  |
| <b>Farmers Home Mill, Owensville, Mo.</b>                                                 |                                |      |       |        |
| Wheat Mixed Feed.....                                                                     | G 16.10                        | 4.30 | 6.90  | 58.10  |
| 35-8-235.....                                                                             | F 16.50                        | 4.03 | 6.31  | 58.48  |
| Dairy Feed.....                                                                           | G 14.50                        | 4.40 | 10.00 | 58.00  |
| 35-8-236.....                                                                             | F 18.00                        | 4.68 | 8.42  | 51.80  |
| <b>Farmers Milling Elev. and Supply Co., Winfield, Mo.</b>                                |                                |      |       |        |
| Winfield Chick Start to Finish Mash.....                                                  | G 14.00                        | 3.00 | 5.50  | 51.00  |
| 35-7-31 <sup>13</sup> .....                                                               | F 16.75                        | 4.86 | 3.51  | 56.76  |
| Laying Mash.....                                                                          | G 20.00                        | 4.50 | 5.44  | 45.37  |
| 35-7-32 <sup>9,13</sup> .....                                                             | F 22.06                        | 4.83 | 4.65  | 49.13  |
| Screened Cracked Corn.....                                                                | G 8.00                         | 2.93 | 2.00  | 74.79  |
| 35-7-33.....                                                                              | F 9.50                         | 3.41 | 1.96  | 70.30  |
| Feed Corn Meal.....                                                                       | G 8.38                         | 3.98 | 2.40  | 72.91  |
| 35-7-34.....                                                                              | F 9.38                         | 4.85 | 2.20  | 69.29  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)         | Chemical Analyses              |         |      |              |
|---------------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                                   | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| <b>Farmers Produce Co., Jamesport, Mo.</b>                                                        |                                |         |      |              |
| Big F Laying Mash.....                                                                            | G                              | 18.00   | 4.50 | 5.50 50.00   |
| 35-10-43 <sup>13</sup> .....                                                                      | F                              | 19.38   | 5.50 | 4.83 52.32   |
| Big F Chick Mash.....                                                                             | G                              | 17.50   | 4.00 | 4.00 51.00   |
| 35-10-44 <sup>13</sup> .....                                                                      | F                              | 21.44   | 5.65 | 3.74 52.94   |
| <b>Farmers Produce Co., Meadville, Mo.</b>                                                        |                                |         |      |              |
| Be Square Starting Mash.....                                                                      | G                              | 17.00   | 4.50 | 5.50 45.00   |
| 35-10-170.....                                                                                    | F                              | 17.94   | 5.66 | 3.76 55.97   |
| <b>Farmers Produce Co., Norwood, Mo.</b>                                                          |                                |         |      |              |
| More Eggs.....                                                                                    | G                              | 16.50   | 4.50 | 9.50 50.40   |
| 35-10-230.....                                                                                    | F                              | 19.00   | 5.43 | 8.61 50.48   |
| <b>Farmers Produce Co., Paris, Mo.</b>                                                            |                                |         |      |              |
| Farmers Egg Mash.....                                                                             | G                              | 19.00   | 4.00 | 6.50 50.00   |
| 35-4-66 <sup>18,22</sup> .....                                                                    | F                              | 22.25   | 6.10 | 5.05 47.37   |
| <b>Farmers Produce Co., Shelbyville, Mo.</b>                                                      |                                |         |      |              |
| Missouri Laying Mash.....                                                                         | G                              | 19.00   | 5.00 | 6.50 49.00   |
| 35-4-53 <sup>9</sup> .....                                                                        | F                              | 21.04   | 6.37 | 6.43 45.36   |
| Producers Special Laying Mash.....                                                                | G                              | 19.00   | 4.50 | 7.50 47.00   |
| 35-4-54 <sup>8,10</sup> .....                                                                     | F                              | 19.19   | 4.76 | 5.54 49.69   |
| Producers Special Chick Mash with Manamar.....                                                    | G                              | 18.00   | 4.00 | 5.50 50.00   |
| 35-4-55 <sup>8</sup> .....                                                                        | F                              | 18.75   | 4.94 | 5.40 52.37   |
| <b>Farmers Produce and Grain Exchange, Chillicothe, Mo.</b>                                       |                                |         |      |              |
| Triangle Egg Mash with Dried Buttermilk and Cod Liver Oil.....                                    | G                              | 19.00   | 4.20 | 6.60 48.70   |
| 35-8-85 <sup>22</sup> .....                                                                       | F                              | 20.88   | 4.61 | 5.79 47.98   |
| Triangle All Mash Chick Starter.....                                                              | G                              | 15.00   | 4.00 | 4.50 55.00   |
| 35-8-86 <sup>22</sup> .....                                                                       | F                              | 17.13   | 6.35 | 4.10 55.39   |
| Triangle Egg Mash.....                                                                            | G                              | 18.00   | 4.00 | 6.40 46.00   |
| 35-8-87.....                                                                                      | F                              | 21.19   | 6.17 | 6.54 47.10   |
| Triangle Dairy Feed.....                                                                          | G                              | 17.00   | 5.50 | 7.70 52.00   |
| 35-8-88.....                                                                                      | F                              | 19.06   | 6.32 | 6.48 51.19   |
| Triangle Growing Mash.....                                                                        | G                              | 17.00   | 4.00 | 5.00 50.00   |
| 35-8-131.....                                                                                     | F                              | 19.69   | 5.10 | 5.85 48.62   |
| <b>Farmers Produce and Grain Co., Hamilton, Mo.</b>                                               |                                |         |      |              |
| All Purpose Dairy Feed.....                                                                       | G                              | 10.00   | 3.50 | 9.50 55.00   |
| 35-8-125.....                                                                                     | F                              | 13.88   | 3.92 | 9.43 54.81   |
| Missouri Formula Egg Mash.....                                                                    | G                              | 20.00   | 5.25 | 5.00 50.00   |
| 35-8-126.....                                                                                     | F                              | 21.06   | 5.73 | 5.19 47.38   |
| <b>Farmers Supply Co., Greenfield, Mo.</b>                                                        |                                |         |      |              |
| Farmers Choice Laying Mash.....                                                                   | G                              | 19.00   | 4.40 | 7.00 46.00   |
| 35-9-230.....                                                                                     | F                              | 21.44   | 5.78 | 5.53 46.12   |
| University All Mash Chick Starter.....                                                            | G                              | 14.50   | 3.00 | 6.00 52.00   |
| 35-9-231.....                                                                                     | F                              | 16.56   | 5.15 | 2.71 56.87   |
| University Growing Mash.....                                                                      | G                              | 16.00   | 3.00 | 6.70 43.00   |
| 35-9-232.....                                                                                     | F                              | 16.88   | 5.45 | 4.31 51.77   |
| <b>Farrell's Feed Mill, Belgrade, Mo.</b>                                                         |                                |         |      |              |
| Soft Wheat Brown Shorts with Ground Wheat Screenings, not Exceeding 8% and Ground Wheat Bran..... | G                              | 15.50   | 4.00 | 7.50 54.00   |
| 35-8-225.....                                                                                     | F                              | 14.75   | 4.46 | 7.50 57.49   |
| Soft Wheat Mill-run Mixed Feed with Soft Wheat Screenings and Corn Bran.....                      | G                              | 13.00   | 3.00 | 9.00 59.00   |
| 35-8-226 <sup>13</sup> .....                                                                      | F                              | 13.56   | 4.40 | 9.17 55.52   |
| Farrell's Egg Mash.....                                                                           | G                              | 18.00   | 3.50 | 9.00 45.00   |
| 35-8-227 <sup>8,22</sup> .....                                                                    | F                              | 20.19   | 5.37 | 6.95 50.80   |



| Manufacturer and Address                                                        |   | Chemical Analyses              |       |       |        |
|---------------------------------------------------------------------------------|---|--------------------------------|-------|-------|--------|
| Brand Name, Laboratory Number                                                   |   | % Guaranteed (G) and Found (F) |       |       |        |
| "Superior" Figures (see Key)                                                    |   | Protein                        | Fat   | Fiber | N.F.E. |
| <b>Fayette Coop. Elev. Co., Fayette, Mo.</b>                                    |   |                                |       |       |        |
| University Lay Mash.....                                                        | G | 18.00                          | 6.00  | 5.00  | 48.50  |
| 35-10-64 <sup>4,5,11,13,14,16</sup> .....                                       | F | 20.75                          | 3.77  | 4.46  | 50.22  |
| Happy Chick Starter Mash.....                                                   | G | 15.00                          | 4.00  | 6.00  | 35.00  |
| 35-10-65 <sup>4,5,11</sup> .....                                                | F | 16.88                          | 4.62  | 3.53  | 54.98  |
| <b>Feeders Supply and Mfg. Co., Kansas City, Mo.</b>                            |   |                                |       |       |        |
| Equity Brand Cottonseed Meal.....                                               | G | 41.00                          | 6.00  | 14.00 | 23.00  |
| 35-2-105 <sup>19</sup> .....                                                    | F | 39.94                          | 6.51  | 11.98 | 27.91  |
| Feeders Chick Mash with Cod Liver Oil and Butter-milk.....                      | G | 16.00                          | 4.00  | 6.00  | 50.00  |
| 35-3-146.....                                                                   | F | 20.06                          | 5.31  | 6.31  | 49.72  |
| Equity Super Mash.....                                                          | G | 17.00                          | 4.50  | 8.00  | 44.00  |
| 35-3-147.....                                                                   | F | 18.06                          | 5.46  | 8.12  | 48.46  |
| Equity 25 % Protein Corn Balancer with Minerals.....                            | G | 25.00                          | 6.00  | 10.00 | 31.00  |
| 35-3-148.....                                                                   | F | 25.06                          | 5.13  | 9.60  | 38.06  |
| Equity Molasses Fattener.....                                                   | G | 10.00                          | 2.00  | 8.00  | 52.00  |
| 35-3-149.....                                                                   | F | 5.44                           | 5.33  | 10.57 | 50.56  |
| Feeders Laying Mash.....                                                        | G | 18.00                          | 3.50  | 6.00  | 50.00  |
| 35-3-150 <sup>8</sup> .....                                                     | F | 19.50                          | 5.11  | 7.15  | 48.79  |
| Equity Brand Cold Pressed Cottonseed Flake.....                                 | G | 26.00                          | 6.00  | 25.00 | 28.00  |
| 35-3-151 <sup>9</sup> .....                                                     | F | 28.00                          | 7.95  | 23.75 | 29.67  |
| Equity 12 % Dairy Mix.....                                                      | G | 12.00                          | 3.00  | 16.00 | 50.00  |
| 35-3-152.....                                                                   | F | 13.94                          | 3.61  | 12.68 | 49.63  |
| Equity Meat and Bone Scraps.....                                                | G | 50.00                          | 5.00  | 3.00  | 1.00   |
| 35-3-153 <sup>9</sup> .....                                                     | F | 49.81                          | 14.48 | 2.05  | 0.43   |
| Equity Brand Cottonseed Meal, 41 % Protein.....                                 | G | 41.00                          | 6.00  | 14.00 | 23.00  |
| 35-3-154 <sup>19</sup> .....                                                    | F | 41.06                          | 6.83  | 10.85 | 26.65  |
| Equity Tankage.....                                                             | G | 60.00                          | 6.00  | 2.00  | 2.00   |
| 35-3-155 <sup>18</sup> .....                                                    | F | 60.31                          | 10.11 | 2.02  | 0.64   |
| Equity Brand 43 % Protein Cottonseed Meal.....                                  | G | 43.00                          | 6.00  | 12.00 | 23.00  |
| 35-4-120 <sup>19</sup> .....                                                    | F | 40.53                          | 6.41  | 10.84 | 27.29  |
| Equity Meat and Bone Scraps.....                                                | G | 50.00                          | 5.00  | 3.00  | 1.00   |
| 35-9-55 <sup>9</sup> .....                                                      | F | 49.50                          | 11.77 | 1.71  | 1.97   |
| Equity Tankage.....                                                             | G | 60.00                          | 6.00  | 2.00  | 2.00   |
| 35-9-56.....                                                                    | F | 61.06                          | 9.51  | 2.58  | 3.27   |
| <b>L. F. Fellows, Millersville, Mo.</b>                                         |   |                                |       |       |        |
| Pure Soft Wheat Bran.....                                                       | G | 14.50                          | 3.50  | 11.00 | 47.00  |
| 35-4-141.....                                                                   | F | 14.63                          | 3.13  | 9.75  | 55.52  |
| Pure Soft Wheat Gray Shorts.....                                                | G | 15.00                          | 3.50  | 6.00  | 55.00  |
| 35-4-142.....                                                                   | F | 14.19                          | 3.65  | 3.85  | 62.90  |
| <b>Wm. Fleahman's Feed Store, Jonesburg, Mo.</b>                                |   |                                |       |       |        |
| Economy Egg Mash.....                                                           | G | 18.00                          | 3.50  | 8.00  | 52.00  |
| 35-2-25 <sup>9</sup> .....                                                      | F | 20.69                          | 5.52  | 5.83  | 46.50  |
| <b>Fletcher Grain Co., Marshall, Mo.</b>                                        |   |                                |       |       |        |
| Fletcher's Laying Mash.....                                                     | G | 18.00                          | 4.00  | 7.00  | 46.00  |
| 35-5-65 <sup>2</sup> .....                                                      | F | 20.69                          | 5.57  | 6.01  | 47.67  |
| <b>Fort Smith Cotton Oil Co., Fort Smith, Ark.</b>                              |   |                                |       |       |        |
| Old Fort Brand Prime 41 % Grade Cottonseed Meal.....                            | G | 41.00                          | 6.00  | 10.00 | 26.00  |
| 35-8-22 <sup>7,24</sup> .....                                                   | F | 42.63                          | 6.07  | 11.48 | 20.35  |
| <b>Fredericktown Milling Co., Fredericktown, Mo.</b>                            |   |                                |       |       |        |
| Soft Wheat Gray Shorts with Ground Wheat Screenings not Exceeding Mill-run..... | G | 16.00                          | 3.50  | 6.00  | 55.00  |
| 35-6-114 <sup>7,22</sup> .....                                                  | F | 15.81                          | 3.50  | 3.51  | 62.62  |
| Pure Soft Wheat Bran.....                                                       | G | 14.50                          | 3.50  | 11.00 | 47.00  |
| 35-6-115 <sup>7</sup> .....                                                     | F | 16.50                          | 3.87  | 7.75  | 54.56  |
| Mixed Feed.....                                                                 | G | 14.25                          | 3.50  | 8.50  | 52.00  |
| 35-6-116 <sup>7,10,22</sup> .....                                               | F | 15.94                          | 3.55  | 6.42  | 58.01  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |             |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E.      |
| Yellow Corn Chops.....                                                                    | G                 | 9.20           | 4.30          | 2.20 71.50  |
| 35-6-117 <sup>4,5,17,18</sup> .....                                                       | F                 | 10.00          | 4.48          | 1.57 69.89  |
| Mixed Feed.....                                                                           | G                 | 14.25          | 3.50          | 8.50 52.00  |
| 35-6-179 <sup>7,10,22</sup> .....                                                         | F                 | 15.50          | 3.68          | 6.51 57.89  |
| <b>Fredonla Linseed Oil Works, Co., Fredonla, Kan.</b>                                    |                   |                |               |             |
| Tiger Brand Old Process Linseed Meal.....                                                 | G                 | 37.00          | 4.50          | 9.00 32.00  |
| 35-2-88.....                                                                              | F                 | 41.63          | 5.83          | 6.72 29.02  |
| <b>Garoutte Milling Co., Goodman, Mo.</b>                                                 |                   |                |               |             |
| Ozark Scratch Feed.....                                                                   | G                 | 10.00          | 3.50          | 3.00 65.00  |
| 35-3-25 <sup>9</sup> .....                                                                | F                 | 10.75          | 4.09          | 2.15 69.22  |
| Ozark Dairy Feed.....                                                                     | G                 | 16.50          | 3.80          | 10.00 53.00 |
| 35-3-26.....                                                                              | F                 | 18.94          | 4.84          | 7.94 50.47  |
| XXX Laying Mash.....                                                                      | G                 | 17.00          | 4.00          | 6.50 52.00  |
| 35-3-27.....                                                                              | F                 | 18.50          | 5.38          | 5.07 57.44  |
| Ozark Mixed Feed.....                                                                     | G                 | 14.40          | 3.60          | 8.00 54.00  |
| 35-3-28.....                                                                              | F                 | 15.94          | 4.79          | 7.80 52.58  |
| Graded (or Screened) Corn Chop.....                                                       | G                 | 8.00           | 3.00          | 3.50 60.00  |
| 35-3-29.....                                                                              | F                 | 9.56           | 4.44          | 1.81 69.35  |
| <b>Gastler Bros. Elevator Co., Wellsville, Mo.</b>                                        |                   |                |               |             |
| Medium Screened Corn Chop.....                                                            | G                 | 9.00           | 3.50          | 3.50 65.00  |
| 35-2-244.....                                                                             | F                 | 9.94           | 5.22          | 2.19 68.34  |
| Oats and Corn Feed.....                                                                   | G                 | 11.00          | 4.00          | 13.00 55.00 |
| 35-2-245 <sup>21</sup> .....                                                              | F                 | 11.88          | 5.15          | 6.58 61.84  |
| Medium Screened Corn Chop.....                                                            | G                 | 9.00           | 3.50          | 3.50 65.00  |
| 35-10-113.....                                                                            | F                 | 10.13          | 2.08          | 2.15 71.66  |
| Oats and Corn Feed.....                                                                   | G                 | 11.00          | 4.00          | 13.00 55.00 |
| 35-10-114.....                                                                            | F                 | 12.25          | 4.55          | 6.45 63.93  |
| <b>Gee Bee Mills Co., St. Joseph, Mo.</b>                                                 |                   |                |               |             |
| Gee Bee Chick Starter.....                                                                | G                 | 20.00          | 4.00          | 4.50 49.00  |
| 35-8-145.....                                                                             | F                 | 21.69          | 6.59          | 3.64 51.68  |
| Gee Bee Growing Mash.....                                                                 | G                 | 17.50          | 3.50          | 4.50 50.00  |
| 35-8-146 <sup>13</sup> .....                                                              | F                 | 19.38          | 5.88          | 4.68 51.66  |
| Gee Bee Egg Mash.....                                                                     | G                 | 20.00          | 4.00          | 4.50 50.00  |
| 35-8-147 <sup>8</sup> .....                                                               | F                 | 23.63          | 6.91          | 4.35 45.44  |
| Liberty Egg Mash.....                                                                     | G                 | 15.00          | 3.50          | 6.00 48.00  |
| 35-11-137 <sup>4,5,9</sup> .....                                                          | F                 | 19.88          | 5.45          | 4.64 51.29  |
| Competitor Dairy Feed.....                                                                | G                 | 12.00          | 2.50          | 15.00 45.00 |
| 35-11-138 <sup>4,5,8,10</sup> .....                                                       | F                 | 13.25          | 2.65          | 12.93 49.81 |
| Tiger Alfalfa Molasses Feed.....                                                          | G                 | 9.00           | 0.50          | 25.00 35.00 |
| 35-11-139 <sup>4,5</sup> .....                                                            | F                 | 9.08           | 0.92          | 17.93 47.73 |
| Liberty Chick Starter.....                                                                | G                 | 16.00          | 4.00          | 6.00 54.00  |
| 35-11-140 <sup>4,5</sup> .....                                                            | F                 | 17.75          | 5.32          | 4.74 54.87  |
| Gee Bee Egg Mash.....                                                                     | G                 | 20.00          | 4.00          | 4.50 50.00  |
| 35-11-141 <sup>4,5,9</sup> .....                                                          | F                 | 24.13          | 7.03          | 4.17 45.30  |
| Gee Bee Hog Feed.....                                                                     | G                 | 20.00          | 3.50          | 7.00 40.00  |
| 35-11-142 <sup>4,5</sup> .....                                                            | F                 | 26.06          | 5.45          | 8.22 41.53  |
| Gee Bee Pig Meal.....                                                                     | G                 | 24.00          | 4.50          | 6.50 40.00  |
| 35-11-143 <sup>4,5,13</sup> .....                                                         | F                 | 30.38          | 9.00          | 6.26 33.31  |
| Gee Bee Lumpets.....                                                                      | G                 | 12.00          | 2.00          | 11.00 49.00 |
| 35-11-144.....                                                                            | F                 | 15.56          | 6.47          | 10.41 48.28 |
| Gee Bee Chick Starter.....                                                                | G                 | 20.00          | 4.00          | 4.50 49.00  |
| 35-11-145.....                                                                            | F                 | 22.31          | 6.54          | 4.09 51.36  |
| Gee Bee Growing Mash.....                                                                 | G                 | 17.50          | 3.50          | 4.50 50.00  |
| 35-11-146 <sup>4,5,13</sup> .....                                                         | F                 | 18.56          | 6.09          | 4.02 52.88  |
| Gee Bee Broiler Mash.....                                                                 | G                 | 16.00          | 4.00          | 4.50 52.00  |
| 35-11-147 <sup>4,5,13</sup> .....                                                         | F                 | 18.31          | 5.87          | 3.82 54.08  |
| Gee Bee Chick Scratch Feed.....                                                           | G                 | 9.50           | 3.00          | 4.00 66.00  |
| 35-11-149.....                                                                            | F                 | 11.81          | 4.18          | 2.27 69.76  |
| Red Belt Dairy Feed.....                                                                  | G                 | 15.00          | 3.00          | 12.00 44.00 |
| 35-11-150 <sup>4,5,8</sup> .....                                                          | F                 | 16.06          | 5.39          | 14.09 46.34 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)     | Chemical Analyses |                   |         |                  |
|-----------------------------------------------------------------------------------------------|-------------------|-------------------|---------|------------------|
|                                                                                               | % Guaranteed      | (G) and Found (F) | Protein | Fat Fiber N.F.E. |
| <b>General Mills, Inc., Minneapolis, Minn.</b>                                                |                   |                   |         |                  |
| King Wheat Mixed Feed and Ground Wheat Screenings, not Exceeding 8 %                          | G                 | 16.00             | 3.50    | 8.00 54.00       |
| 35-2-238                                                                                      | F                 | 19.25             | 4.62    | 7.30 51.50       |
| Ben Hur Egg Mash                                                                              | G                 | 18.00             | 4.00    | 7.50 46.00       |
| 35-4-227                                                                                      | F                 | 19.44             | 5.07    | 7.08 49.52       |
| King Wheat Mixed Feed and Ground Wheat Screenings, not Exceeding 8 %                          | G                 | 16.00             | 3.50    | 8.00 54.00       |
| 35-5-29 <sup>13,14</sup>                                                                      | F                 | 18.19             | 4.36    | 8.58 50.91       |
| Ben Hur Egg Mash                                                                              | G                 | 18.00             | 4.00    | 7.50 46.00       |
| 35-5-30                                                                                       | F                 | 18.81             | 4.64    | 7.22 48.96       |
| Washburn's Gold Medal Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding 8 %        | G                 | 16.00             | 4.00    | 6.00 57.00       |
| 35-5-31                                                                                       | F                 | 18.00             | 5.99    | 5.79 66.77       |
| Washburn's Gold Medal Wheat Standard Middlings and Ground Wheat Screenings, not Exceeding 8 % | G                 | 16.00             | 4.50    | 8.00 50.00       |
| 35-5-32                                                                                       | F                 | 18.00             | 4.73    | 7.02 54.56       |
| North Star Scratch Feed                                                                       | G                 | 10.00             | 2.00    | 4.00 55.00       |
| 35-5-33 <sup>11</sup>                                                                         | F                 | 11.94             | 3.50    | 1.98 69.98       |
| North Star Chick Feed                                                                         | G                 | 10.00             | 2.00    | 4.00 55.00       |
| 35-5-34 <sup>11</sup>                                                                         | F                 | 12.38             | 2.90    | 2.11 70.43       |
| North Star Egg Mash                                                                           | G                 | 18.00             | 4.00    | 7.50 46.00       |
| 35-5-35                                                                                       | F                 | 19.00             | 5.28    | 7.29 49.23       |
| Eventually Gold Medal Egg Mash                                                                | G                 | 19.00             | 4.00    | 7.50 45.00       |
| 35-5-36                                                                                       | F                 | 21.13             | 6.22    | 7.20 46.43       |
| North Star All-Mash Ration                                                                    | G                 | 15.00             | 4.00    | 7.00 55.00       |
| 35-5-37 <sup>8</sup>                                                                          | F                 | 17.94             | 5.29    | 8.89 48.40       |
| Eventually Gold Medal Poultry Fattener                                                        | G                 | 14.00             | 4.50    | 6.00 55.00       |
| 35-5-38                                                                                       | F                 | 14.94             | 6.02    | 6.00 58.59       |
| Eventually Gold Medal Chick Ration                                                            | G                 | 15.50             | 4.00    | 6.00 50.00       |
| 35-5-39                                                                                       | F                 | 18.81             | 5.71    | 6.48 48.26       |
| Ben Hur Dairy Feed                                                                            | G                 | 12.50             | 2.50    | 12.50 55.00      |
| 35-5-40 <sup>9</sup>                                                                          | F                 | 11.61             | 2.07    | 14.97 48.64      |
| Eventually Gold Medal Dairy Ration                                                            | G                 | 20.00             | 4.00    | 12.00 45.00      |
| 35-5-42                                                                                       | F                 | 22.31             | 4.44    | 8.07 49.15       |
| Eventually Gold Medal Screened Cracked Corn                                                   | G                 | 9.00              | 4.00    | 3.00 67.00       |
| 35-5-43                                                                                       | F                 | 9.19              | 4.01    | 1.43 73.05       |
| Washburn's Gold Medal Pure Wheat Bran                                                         | G                 | 15.00             | 3.50    | 11.00 50.00      |
| 35-5-44                                                                                       | F                 | 16.69             | 4.22    | 9.88 50.44       |
| North Star Dairy Ration                                                                       | G                 | 16.00             | 3.50    | 12.00 45.00      |
| 35-5-45                                                                                       | F                 | 16.25             | 3.57    | 9.63 48.92       |
| Eventually Gold Medal Pig and Hog Meal                                                        | G                 | 26.00             | 5.00    | 6.00 50.00       |
| 35-5-114                                                                                      | F                 | 26.00             | 5.22    | 5.64 40.08       |
| Eventually Gold Medal Chick Ration                                                            | G                 | 15.50             | 4.00    | 6.00 50.00       |
| 35-6-208 <sup>11</sup>                                                                        | F                 | 18.69             | 4.70    | 5.84 50.53       |
| Ben-Hur Egg Mash                                                                              | G                 | 18.00             | 4.00    | 7.50 46.00       |
| 35-6-230 <sup>10</sup>                                                                        | F                 | 19.63             | 4.59    | 7.57 49.01       |
| Eventually Gold Medal Chick Ration                                                            | G                 | 15.50             | 4.00    | 6.00 50.00       |
| 35-8-94                                                                                       | F                 | 17.44             | 4.70    | 7.38 50.86       |
| Ben Hur Egg Mash                                                                              | G                 | 18.00             | 4.00    | 7.50 46.00       |
| 35-10-76                                                                                      | F                 | 19.69             | 4.10    | 6.94 50.88       |
| North Star Dairy Ration                                                                       | G                 | 16.00             | 3.50    | 12.00 45.00      |
| 35-11-62                                                                                      | F                 | 17.75             | 3.07    | 9.27 51.14       |
| 43 % Protein Cottonseed Meal                                                                  | G                 | 43.00             | 6.00    | 12.00 23.00      |
| 35-11-63                                                                                      | F                 | 44.16             | 6.30    | 9.95 25.04       |
| North Star Developing Feed                                                                    | G                 | 10.00             | 2.00    | 4.00 55.00       |
| 35-11-69                                                                                      | F                 | 11.69             | 3.02    | 1.81 70.70       |
| Ben Hur Egg Mash                                                                              | G                 | 18.00             | 4.00    | 7.50 46.00       |
| 35-11-71                                                                                      | F                 | 19.19             | 4.35    | 7.79 51.21       |
| Eventually Gold Medal Chick Ration                                                            | G                 | 15.50             | 4.00    | 6.00 50.00       |
| 35-12-78                                                                                      | F                 | 18.19             | 5.59    | 5.48 54.02       |
| North Star Dairy Ration                                                                       | G                 | 16.00             | 3.50    | 12.00 45.00      |
| 35-12-79                                                                                      | F                 | 17.81             | 2.23    | 9.46 52.29       |
| Alfalfa Meal                                                                                  | G                 | 13.00             | 1.50    | 33.00 35.00      |
| 35-12-198                                                                                     | F                 | 15.63             | 2.21    | 25.88 38.08      |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| Eventually Gold Medal Egg Mash .....                                                      | G                              | 19.00   | 4.00 | 7.50 45.00   |
| 35-12-233 .....                                                                           | F                              | 20.00   | 4.95 | 7.12 49.42   |
| Ben Hur Egg Mash .....                                                                    | G                              | 18.00   | 4.00 | 7.50 46.00   |
| 35-12-234 .....                                                                           | F                              | 20.31   | 4.31 | 7.27 51.28   |
| North Star Dairy Ration .....                                                             | G                              | 16.00   | 3.50 | 12.00 45.00  |
| 35-12-235 .....                                                                           | F                              | 17.25   | 2.61 | 9.19 51.65   |
| <b>Georgla Distributing Co., Atlanta, Ga.</b>                                             |                                |         |      |              |
| 45 % Protein Peanut Meal .....                                                            | G                              | 45.00   | 6.00 | 12.00 26.00  |
| 35-5-161 <sup>7</sup> .....                                                               | F                              | 46.31   | 8.27 | 11.74 21.49  |
| <b>Geraid Rolier Mill, Geraid, Mo.</b>                                                    |                                |         |      |              |
| G. R. M. Egg Mash with Buttermilk and Cod Liver Oil .....                                 | G                              | 18.00   | 4.00 | 7.00 48.00   |
| 35-11-246 <sup>8,9</sup> .....                                                            | F                              | 17.94   | 5.00 | 4.70 53.66   |
| <b>Peari Glascock, Philadelphia, Mo.</b>                                                  |                                |         |      |              |
| Glascock's Chicken Mash .....                                                             | G                              | 17.00   | 3.00 | 9.00 55.00   |
| 35-7-1 <sup>5,13,33</sup> .....                                                           | F                              | 21.13   | 5.30 | 6.51 45.77   |
| <b>Glasgow Cooperative Assn., Glasgow, Mo.</b>                                            |                                |         |      |              |
| Dividend Egg Mash .....                                                                   | G                              | 17.00   | 3.50 | 6.00 45.00   |
| 35-10-70 <sup>7</sup> .....                                                               | F                              | 20.50   | 5.39 | 3.51 50.63   |
| Dividend All Mash Chick Starter .....                                                     | G                              | 14.00   | 3.00 | 5.00 50.00   |
| 35-10-71 <sup>7</sup> .....                                                               | F                              | 17.63   | 5.25 | 2.85 56.41   |
| Dividend Dairy Feed .....                                                                 | G                              | 13.00   | 3.50 | 8.00 50.00   |
| 35-10-72 <sup>7</sup> .....                                                               | F                              | 15.31   | 3.73 | 4.52 59.41   |
| <b>Goerz Flour Mills Co., Newton, Kan.</b>                                                |                                |         |      |              |
| American Ace Wheat Bran and Ground Wheat Screenings, not Exceeding Mill-run .....         | G                              | 14.50   | 3.50 | 11.00 50.00  |
| 35-9-172 <sup>18</sup> .....                                                              | F                              | 17.50   | 4.74 | 10.33 49.70  |
| American Ace Wheat Bran and Ground Wheat Screenings not Exceeding Mill-run .....          | G                              | 14.50   | 3.50 | 11.00 50.00  |
| 35-12-66 <sup>18</sup> .....                                                              | F                              | 16.38   | 5.18 | 10.96 50.13  |
| <b>M. K. Goetz Brewing Co., St. Joseph, Mo.</b>                                           |                                |         |      |              |
| Brewers Dried Grains .....                                                                | G                              | 21.00   | 5.50 | 18.00 39.00  |
| 35-10-34 .....                                                                            | F                              | 23.69   | 6.02 | 16.55 41.85  |
| <b>Gooch Feed Mill Co., Lincoln, Neb.</b>                                                 |                                |         |      |              |
| Jubilee Egg Mash .....                                                                    | G                              | 17.00   | 4.50 | 7.50 51.00   |
| 35-4-61 <sup>13,26</sup> .....                                                            | F                              | 17.25   | 4.56 | 5.15 54.04   |
| Jubilee Egg Mash .....                                                                    | G                              | 17.00   | 4.50 | 7.50 51.00   |
| 35-5-121 <sup>8,11,13,26</sup> .....                                                      | F                              | 18.50   | 4.79 | 5.51 51.33   |
| <b>Good News Feed Stores, Inc., Kansas City, Mo.</b>                                      |                                |         |      |              |
| Good News Poultry Fattener .....                                                          | G                              | 15.50   | 4.75 | 4.00 62.00   |
| 35-3-218 <sup>11</sup> .....                                                              | F                              | 17.78   | 5.37 | 4.13 52.81   |
| Good News Laying Mash with Cod Liver Oil .....                                            | G                              | 19.00   | 4.50 | 7.00 45.00   |
| 35-3-219 <sup>11</sup> .....                                                              | F                              | 23.53   | 6.40 | 6.22 42.37   |
| Our Special Laying Mash .....                                                             | G                              | 16.00   | 4.50 | 7.00 45.00   |
| 35-3-220 <sup>11</sup> .....                                                              | F                              | 18.96   | 5.36 | 5.97 49.25   |
| Good News Steel Cut Yellow Corn .....                                                     | G                              | 9.00    | 3.50 | 3.00 65.00   |
| 35-3-221 .....                                                                            | F                              | 10.03   | 5.16 | 1.67 68.55   |
| Good News Dairy Ration .....                                                              | G                              | 16.00   | 3.75 | 15.00 45.00  |
| 35-3-222 <sup>11</sup> .....                                                              | F                              | 19.53   | 4.93 | 7.04 49.88   |
| Good News Chick Mash with Cod Liver Oil .....                                             | G                              | 16.00   | 4.00 | 5.00 45.00   |
| 35-3-223 <sup>11,13</sup> .....                                                           | F                              | 17.96   | 6.28 | 5.09 53.72   |
| Good News Scratch Grains .....                                                            | G                              | 10.00   | 2.50 | 3.00 69.35   |
| 35-3-224 <sup>11</sup> .....                                                              | F                              | 12.15   | 4.23 | 2.08 68.49   |
| Our Special Laying Mash .....                                                             | G                              | 16.00   | 4.50 | 7.00 45.00   |
| 35-10-45 <sup>18</sup> .....                                                              | F                              | 15.38   | 4.44 | 6.30 55.18   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |       |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|-------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N.F.E. |
| Good News Laying Mash with Cod Liver Oil.....                                             | G 19.00                        | 4.50    | 7.00  | 45.00        |
| 35-10-46 <sup>18</sup> .....                                                              | F 19.56                        | 5.36    | 5.31  | 50.17        |
| Good News Chick Mash with Cod Liver Oil.....                                              | G 16.00                        | 4.00    | 5.00  | 45.00        |
| 35-10-47 <sup>13</sup> .....                                                              | F 17.44                        | 5.74    | 4.92  | 56.91        |
| <b>Goolsby and Smith Feed and Produce Co., Norwood, Mo.</b>                               |                                |         |       |              |
| G and S Laying Mash.....                                                                  | G 18.00                        | 4.00    | 6.00  | 50.00        |
| 35-10-233 <sup>2</sup> .....                                                              | F 20.31                        | 5.36    | 4.81  | 50.52        |
| G and S Starting Mash.....                                                                | G 19.00                        | 2.75    | 5.00  | 53.00        |
| 35-10-234 <sup>2</sup> .....                                                              | F 17.13                        | 2.96    | 3.42  | 61.65        |
| <b>A. R. Graham, Gallatin, Mo.</b>                                                        |                                |         |       |              |
| Graham's Poultry Mash.....                                                                | G 16.50                        | 3.90    | 5.50  | 39.90        |
| 35-10-172 <sup>8,9,11</sup> .....                                                         | F 15.35                        | 4.42    | 3.99  | 57.87        |
| Dairy Feed.....                                                                           | G 11.50                        | 4.50    | 7.00  | 65.00        |
| 35-10-173 <sup>11</sup> .....                                                             | F 13.44                        | 4.39    | 6.11  | 60.77        |
| Graham's Laying Mash.....                                                                 | G 16.50                        | 3.90    | 5.50  | 39.90        |
| 35-12-230 <sup>8,9,10</sup> .....                                                         | F 16.50                        | 4.74    | 4.51  | 54.62        |
| <b>Grain and Feed Sales Co., St. Louis, Mo.</b>                                           |                                |         |       |              |
| Leader Scratch Feed.....                                                                  | G 9.00                         | 4.00    | 5.00  | 60.00        |
| 35-9-129.....                                                                             | F 12.50                        | 4.27    | 2.55  | 67.08        |
| Leader Egg Mash.....                                                                      | G 18.00                        | 4.00    | 10.00 | 50.00        |
| 35-9-130 <sup>13</sup> .....                                                              | F 16.63                        | 4.02    | 10.11 | 51.01        |
| Ground Grain Screenings.....                                                              | G 14.00                        | 4.00    | 15.00 | 50.00        |
| 35-9-131.....                                                                             | F 11.48                        | 3.90    | 15.97 | 45.93        |
| G and F Dairy Feed.....                                                                   | G 16.00                        | 4.00    | 10.00 | 50.00        |
| 35-9-132 <sup>8</sup> .....                                                               | F 13.38                        | 4.13    | 8.87  | 54.48        |
| <b>Grandview Feed Mills, Grandview, Mo.</b>                                               |                                |         |       |              |
| Higrade Growing Mash.....                                                                 | G 17.00                        | 4.00    | 6.00  | 50.00        |
| 35-9-59.....                                                                              | F 19.19                        | 4.54    | 5.45  | 52.63        |
| Higrade All Mash Chick Starter.....                                                       | G 16.00                        | 4.00    | 5.00  | 54.00        |
| 35-9-60.....                                                                              | F 18.56                        | 5.17    | 5.76  | 52.33        |
| Higrade Egg Mash.....                                                                     | G 18.00                        | 3.50    | 8.00  | 44.00        |
| 35-9-61.....                                                                              | F 19.69                        | 4.56    | 7.41  | 49.19        |
| Higrade Economy Egg Mash.....                                                             | G 16.00                        | 4.00    | 8.00  | 44.00        |
| 35-9-62.....                                                                              | F 19.88                        | 5.42    | 7.63  | 48.99        |
| Higrade Hen Scratch.....                                                                  | G 10.00                        | 3.00    | 4.00  | 65.00        |
| 35-9-63.....                                                                              | F 10.56                        | 2.28    | 2.19  | 71.23        |
| Higrade Chick Scratch.....                                                                | G 10.00                        | 3.00    | 5.00  | 65.00        |
| 35-9-64.....                                                                              | F 11.81                        | 3.10    | 1.98  | 69.12        |
| Higrade Dairy Feed.....                                                                   | G 16.00                        | 3.00    | 10.00 | 53.00        |
| 35-9-65 <sup>7,13,18</sup> .....                                                          | F 15.25                        | 3.05    | 8.14  | 53.09        |
| Special 12 % Dairy Ration.....                                                            | G 12.00                        | 3.00    | 12.00 | 40.00        |
| 35-9-66 <sup>8, 18</sup> .....                                                            | F 12.44                        | 3.10    | 10.16 | 54.24        |
| Yellow Cracked Corn.....                                                                  | G 9.00                         | 1.00    | 3.00  | 60.00        |
| 35-9-67 <sup>7,18</sup> .....                                                             | F 8.88                         | 1.42    | 1.71  | 72.52        |
| Bulky Dairy Feed.....                                                                     | G 9.00                         | 2.00    | 19.00 | 35.00        |
| 35-9-68 <sup>18</sup> .....                                                               | F 9.50                         | 2.88    | 14.92 | 53.82        |
| <b>Green and Tooley Mill and Elev. Co., Pattonsburg, Mo.</b>                              |                                |         |       |              |
| Missouri Formula Laying Mash.....                                                         | G 20.00                        | 3.50    | 6.50  | 44.00        |
| 35-5-108 <sup>5</sup> .....                                                               | F 23.31                        | 5.55    | 4.97  | 46.42        |
| Happy Hen Laying Mash.....                                                                | G 16.00                        | 4.50    | 6.50  | 53.50        |
| 35-5-109.....                                                                             | F 22.13                        | 4.85    | 7.31  | 47.10        |
| <b>Green Ridge Elevator, Green Ridge, Mo.</b>                                             |                                |         |       |              |
| More Egg Laying Mash.....                                                                 | G 16.50                        | 3.50    | 8.00  | 42.00        |
| 35-4-136 <sup>22,24</sup> .....                                                           | F 22.38                        | 4.74    | 6.37  | 45.20        |
| More Egg Laying Mash.....                                                                 | G 16.50                        | 3.50    | 8.00  | 42.00        |
| 35-12-219.....                                                                            | F 18.31                        | 5.19    | 7.06  | 50.09        |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein Fat Fiber N.F.E. |      |       |       |
|-------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------|------|-------|-------|
| <b>Greenville Cotton Oil Co., Greenville, Texas.</b>                                      |   |                                                                                 |      |       |       |
| 43 % Protein Cottonseed Meal.....                                                         | G | 43.00                                                                           | 6.00 | 12.00 | 23.00 |
| 35-2-84 <sup>1,3</sup> .....                                                              | F | 41.00                                                                           | 8.63 | 11.51 | 24.41 |
| <b>Griffith's Hatchery, Fulton, Mo.</b>                                                   |   |                                                                                 |      |       |       |
| Griffith's All Mash Grower.....                                                           | G | 17.30                                                                           | 3.60 | 5.70  | 46.00 |
| 35-10-98.....                                                                             | F | 19.44                                                                           | 5.52 | 5.37  | 48.71 |
| Griffith's All Mash Turkey Starter.....                                                   | G | 25.00                                                                           | 3.50 | 7.00  | 42.00 |
| 35-10-99 <sup>8,13</sup> .....                                                            | F | 28.44                                                                           | 8.05 | 5.14  | 36.58 |
| Griffith's (Missouri Formula) Breeding Mash.....                                          | G | 19.00                                                                           | 4.00 | 5.75  | 46.50 |
| 35-10-100.....                                                                            | F | 20.00                                                                           | 5.63 | 5.51  | 48.70 |
| Griffith's Missouri Formula Egg Mash.....                                                 | G | 19.00                                                                           | 4.00 | 5.75  | 46.50 |
| 35-10-101.....                                                                            | F | 20.94                                                                           | 6.30 | 5.49  | 46.88 |
| Griffith's All Mash Chick Starter.....                                                    | G | 15.00                                                                           | 3.55 | 4.30  | 53.80 |
| 35-10-102.....                                                                            | F | 16.69                                                                           | 4.81 | 4.21  | 56.51 |
| Griffith's All Mash Turkey Growing Mash.....                                              | G | 19.00                                                                           | 4.30 | 8.00  | 42.00 |
| 35-10-103 <sup>13</sup> .....                                                             | F | 22.69                                                                           | 4.37 | 5.13  | 46.38 |
| <b>Griffith and Morris, New Hartford, Mo.</b>                                             |   |                                                                                 |      |       |       |
| Griffith and Morris Egg Mash.....                                                         | G | 16.00                                                                           | 4.00 | 9.00  | 45.00 |
| 35-7-26 <sup>7,18</sup> .....                                                             | F | 18.56                                                                           | 5.16 | 8.33  | 50.26 |
| <b>Hales and Hunter, Chicago, Ill.</b>                                                    |   |                                                                                 |      |       |       |
| Red Comb Balancer with Dried Buttermilk.....                                              | G | 26.00                                                                           | 5.00 | 8.00  | 35.00 |
| 35-9-166 <sup>18</sup> .....                                                              | F | 28.31                                                                           | 7.16 | 7.34  | 34.66 |
| Red Comb Chick Starter with Dried Buttermilk.....                                         | G | 18.00                                                                           | 4.00 | 6.00  | 51.00 |
| 35-9-167 <sup>18</sup> .....                                                              | F | 21.00                                                                           | 4.88 | 4.64  | 51.80 |
| Red Comb Crate Fattener.....                                                              | G | 13.00                                                                           | 4.00 | 6.00  | 49.00 |
| 35-11-100.....                                                                            | F | 16.13                                                                           | 5.47 | 6.17  | 58.69 |
| Red Comb Balancer with Dried Buttermilk.....                                              | G | 26.00                                                                           | 5.00 | 8.00  | 35.00 |
| 35-11-102 <sup>11,13</sup> .....                                                          | F | 25.19                                                                           | 6.97 | 7.09  | 35.92 |
| <b>Hall and Peters, Brown's Spring, Mo.</b>                                               |   |                                                                                 |      |       |       |
| Farmers Delight Egg Mash.....                                                             | G | 24.14                                                                           | 6.15 | 4.73  | 45.50 |
| 35-3-9 <sup>8,10</sup> .....                                                              | F | 18.17                                                                           | 6.57 | 5.66  | 49.87 |
| Farmers Delight Egg Mash.....                                                             | G | 24.15                                                                           | 6.15 | 4.73  | 45.50 |
| 35-11-206.....                                                                            | F | 17.25                                                                           | 6.06 | 8.05  | 49.93 |
| <b>Hamacher Grain and Produce Co., Richmond, Mo.</b>                                      |   |                                                                                 |      |       |       |
| Missouri Formula Laying Mash.....                                                         | G | 20.00                                                                           | 3.50 | 6.50  | 44.00 |
| 35-8-98 <sup>22</sup> .....                                                               | F | 21.13                                                                           | 5.03 | 4.13  | 47.53 |
| Missouri Formula All Mash Chick Starter.....                                              | G | 14.50                                                                           | 3.00 | 5.00  | 50.00 |
| 35-8-101 <sup>7,22</sup> .....                                                            | F | 14.63                                                                           | 2.18 | 3.68  | 59.93 |
| <b>Dock Hamilton Feed Co., Independence, Mo.</b>                                          |   |                                                                                 |      |       |       |
| Dock Hamilton's Pride Laying Mash.....                                                    | G | 17.00                                                                           | 3.00 | 7.00  | 43.00 |
| 35-9-57.....                                                                              | F | 20.13                                                                           | 4.96 | 5.43  | 49.32 |
| Dock Hamilton's Pride Hen Scratch.....                                                    | G | 10.00                                                                           | 3.00 | 3.00  | 67.00 |
| 35-9-58.....                                                                              | F | 11.00                                                                           | 3.64 | 2.03  | 70.94 |
| <b>Hammond Milling Co., Hammond, Mo.</b>                                                  |   |                                                                                 |      |       |       |
| Soft Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....              | G | 14.50                                                                           | 3.50 | 11.00 | 47.00 |
| 35-1-213.....                                                                             | F | 16.31                                                                           | 5.17 | 8.01  | 52.25 |
| Soft Wheat Gray Shorts.....                                                               | G | 15.00                                                                           | 3.50 | 5.50  | 55.00 |
| 35-1-214.....                                                                             | F | 17.63                                                                           | 5.19 | 5.32  | 54.72 |
| Soft Wheat Gray Shorts.....                                                               | G | 15.00                                                                           | 3.50 | 5.50  | 55.00 |
| 35-11-191 <sup>2</sup> .....                                                              | F | 15.94                                                                           | 4.96 | 2.22  | 61.67 |
| Soft Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....              | G | 14.50                                                                           | 3.50 | 11.00 | 47.00 |
| 35-11-192 <sup>2</sup> .....                                                              | F | 16.50                                                                           | 4.75 | 9.30  | 52.68 |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |  |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|--|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |  |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |  |
| <b>Happy Mills, Memphis, Tenn.</b>                                                        |                                |      |       |        |  |
| Cheerful Chick Feed.....                                                                  | G 10.00                        | 3.00 | 3.00  | 62.00  |  |
| 35-6-211.....                                                                             | F 12.63                        | 3.05 | 1.58  | 67.96  |  |
| Kandy Kid Sweet Feed.....                                                                 | G 9.00                         | 2.00 | 18.00 | 35.00  |  |
| 35-6-214 <sup>8</sup> .....                                                               | F 8.38                         | 1.81 | 21.38 | 49.05  |  |
| <b>Hawkins Bros. Milling Co., Ozark, Mo.</b>                                              |                                |      |       |        |  |
| H. B. Laying Mash.....                                                                    | G 16.27                        | 3.85 | 6.50  | 53.50  |  |
| 35-1-189 <sup>8</sup> .....                                                               | F 18.00                        | 4.53 | 6.03  | 47.41  |  |
| Corn Chops.....                                                                           | G 9.00                         | 3.50 | 3.50  | 65.00  |  |
| 35-1-190 <sup>9</sup> .....                                                               | F 9.00                         | 5.02 | 1.69  | 71.38  |  |
| Jersey Cream Mixed Feed.....                                                              | G 14.00                        | 2.65 | 9.65  | 56.50  |  |
| 35-1-191 <sup>13</sup> .....                                                              | F 13.88                        | 3.96 | 7.87  | 57.27  |  |
| Gray Wheat Shorts.....                                                                    | G 16.00                        | 3.50 | 6.00  | 55.00  |  |
| 35-1-192.....                                                                             | F 16.19                        | 4.25 | 3.78  | 57.55  |  |
| <b>The Hays City Flour Mill, Hays, Kan.</b>                                               |                                |      |       |        |  |
| Wheat Bran and Ground Wheat Screenings, not Ex-<br>ceeding 4 % Wheat Screenings.....      | G 15.50                        | 3.50 | 11.00 | 48.00  |  |
| 35-6-123.....                                                                             | F 17.75                        | 4.12 | 9.61  | 50.70  |  |
| Pure Wheat Grey Shorts.....                                                               | G 17.00                        | 3.50 | 5.50  | 55.50  |  |
| 35-6-124 <sup>7,13</sup> .....                                                            | F 21.56                        | 4.63 | 5.46  | 52.02  |  |
| <b>H. Heinrichsmeyer Feed Co., St. Louis, Mo.</b>                                         |                                |      |       |        |  |
| H. H. Poultry Mash.....                                                                   | G 20.75                        | 5.00 | 8.75  | 44.00  |  |
| 35-1-165.....                                                                             | F 21.75                        | 5.49 | 8.06  | 43.36  |  |
| H. H. Laying Mash with Buttermilk.....                                                    | G 20.00                        | 5.25 | 9.00  | 44.00  |  |
| 35-1-166.....                                                                             | F 20.19                        | 5.87 | 6.69  | 46.24  |  |
| H. H. Lay Mash.....                                                                       | G 18.00                        | 3.25 | 7.50  | 49.00  |  |
| 35-1-167.....                                                                             | F 18.81                        | 4.46 | 6.10  | 48.05  |  |
| H. H. 24 Dairy Feed.....                                                                  | G 24.00                        | 3.75 | 11.50 | 41.00  |  |
| 35-1-168.....                                                                             | F 24.13                        | 4.30 | 8.53  | 41.29  |  |
| H. H. 18 Dairy Feed.....                                                                  | G 18.00                        | 3.25 | 13.00 | 44.00  |  |
| 35-1-169.....                                                                             | F 19.06                        | 4.19 | 10.52 | 45.84  |  |
| H. H. 16 Dairy Feed.....                                                                  | G 16.00                        | 3.00 | 13.00 | 47.00  |  |
| 35-1-170.....                                                                             | F 19.13                        | 3.89 | 11.42 | 46.22  |  |
| H. H. Starting Mash with Buttermilk.....                                                  | G 18.50                        | 4.50 | 4.25  | 53.00  |  |
| 35-1-171 <sup>4,5,8,11</sup> .....                                                        | F 20.19                        | 5.19 | 3.06  | 53.25  |  |
| H. H. Developing Mash with Buttermilk.....                                                | G 17.00                        | 5.00 | 5.50  | 50.00  |  |
| 35-1-172 <sup>4,5</sup> .....                                                             | F 19.75                        | 5.11 | 5.31  | 49.45  |  |
| H. H. Crate Fattener.....                                                                 | G 13.00                        | 3.75 | 2.75  | 60.00  |  |
| 35-1-173.....                                                                             | F 14.25                        | 4.40 | 2.43  | 65.21  |  |
| H. H. Broiler Mash with Manamar.....                                                      | G 18.50                        | 3.00 | 5.50  | 47.00  |  |
| 35-1-174.....                                                                             | F 19.31                        | 4.35 | 4.29  | 49.78  |  |
| H. H. Developing Mash with Manamar.....                                                   | G 18.00                        | 4.00 | 6.50  | 48.00  |  |
| 35-1-175 <sup>4,5</sup> .....                                                             | F 19.63                        | 4.70 | 4.59  | 52.49  |  |
| H. H. Chick Mash with Manamar.....                                                        | G 18.00                        | 4.00 | 5.50  | 50.00  |  |
| 35-1-176 <sup>4,5</sup> .....                                                             | F 19.25                        | 4.54 | 5.05  | 52.30  |  |
| H. H. Horse Feed.....                                                                     | G 10.25                        | 3.00 | 13.00 | 53.00  |  |
| 35-1-177.....                                                                             | F 11.28                        | 3.63 | 9.15  | 57.64  |  |
| H. H. Laying Mash—Manamar.....                                                            | G 20.00                        | 4.25 | 6.50  | 47.00  |  |
| 35-1-178.....                                                                             | F 20.38                        | 5.29 | 6.50  | 45.85  |  |
| Seckona Fattening Mash.....                                                               | G 13.00                        | 4.50 | 6.00  | 54.00  |  |
| 35-1-179.....                                                                             | F 15.25                        | 4.95 | 4.89  | 59.15  |  |
| H. H. Station Fattener with Manamar.....                                                  | G 13.50                        | 5.00 | 5.50  | 55.50  |  |
| 35-1-180 <sup>4,5</sup> .....                                                             | F 16.13                        | 5.17 | 3.66  | 60.00  |  |
| H. H. Porkmaker with Manamar.....                                                         | G 40.00                        | 5.50 | 9.00  | 19.00  |  |
| 35-1-181 <sup>4,5</sup> .....                                                             | F 42.75                        | 5.63 | 7.40  | 22.80  |  |
| H. H. Chick Mash Supplement with Manamar.....                                             | G 36.00                        | 5.00 | 5.50  | 22.00  |  |
| 35-1-182 <sup>4,5</sup> .....                                                             | F 36.88                        | 5.30 | 4.53  | 24.02  |  |
| H. H. Egg Mash with Manamar.....                                                          | G 18.50                        | 4.00 | 7.00  | 47.00  |  |
| 35-1-183.....                                                                             | F 22.75                        | 4.98 | 4.67  | 46.41  |  |
| H. H. Hen Feed.....                                                                       | G 10.00                        | 3.00 | 3.00  | 69.00  |  |
| 35-1-184.....                                                                             | F 10.94                        | 3.84 | 2.25  | 69.48  |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |              |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |              |
|                                                                                           |                   | Protein        | Fat           | Fiber N.F.E. |
| Seckona Hen Feed.....                                                                     | G                 | 9.00           | 3.25          | 2.75 70.00   |
| 35-1-185.....                                                                             | F                 | 10.81          | 4.00          | 2.13 69.51   |
| H. H. Developing Feed.....                                                                | G                 | 10.00          | 2.75          | 2.25 71.00   |
| 35-1-186.....                                                                             | F                 | 10.61          | 3.73          | 1.65 71.00   |
| H. H. Chick Feed.....                                                                     | G                 | 10.50          | 2.25          | 2.00 70.00   |
| 35-1-187.....                                                                             | F                 | 10.75          | 3.77          | 1.66 70.38   |
| H. H. Pigeon Feed.....                                                                    | G                 | 13.00          | 2.00          | 2.75 66.00   |
| 35-1-188.....                                                                             | F                 | 13.56          | 2.98          | 2.39 66.88   |
| H. H. Lay Mash.....                                                                       | G                 | 18.00          | 3.25          | 7.50 49.00   |
| 35-5-240.....                                                                             | F                 | 19.19          | 5.00          | 5.67 45.83   |
| H. H. Lay Mash with Buttermilk.....                                                       | G                 | 20.00          | 5.25          | 9.00 44.00   |
| 35-5-241.....                                                                             | F                 | 20.19          | 6.20          | 6.48 44.98   |
| H. H. Egg Mash Supplement with Manamar.....                                               | G                 | 30.00          | 3.00          | 12.00 15.00  |
| 35-5-242.....                                                                             | F                 | 34.31          | 6.79          | 9.02 13.79   |
| H. H. Laying Mash with Manamar.....                                                       | G                 | 20.00          | 4.25          | 6.50 47.00   |
| 35-5-243.....                                                                             | F                 | 20.75          | 0.31          | 6.80 50.89   |
| H. H. Chick Mash with Manamar.....                                                        | G                 | 18.00          | 4.00          | 5.50 50.00   |
| 35-5-244.....                                                                             | F                 | 19.88          | 5.13          | 5.44 50.23   |
| H. H. Starting Mash with Buttermilk.....                                                  | G                 | 18.50          | 4.50          | 5.75 53.00   |
| 35-5-245.....                                                                             | F                 | 19.88          | 5.81          | 3.90 51.83   |
| H. H. Chick Mash Supplement with Manamar.....                                             | G                 | 36.00          | 5.00          | 5.50 22.00   |
| 35-5-246.....                                                                             | F                 | 36.94          | 6.22          | 6.27 19.53   |
| H. H. Broiler Mash with Manamar.....                                                      | G                 | 18.00          | 3.00          | 6.00 47.00   |
| 35-5-247.....                                                                             | F                 | 19.13          | 4.76          | 4.30 49.35   |
| H. H. Developing Mash with Buttermilk.....                                                | G                 | 17.00          | 5.00          | 5.50 50.00   |
| 35-5-248 <sup>4,5</sup> .....                                                             | F                 | 19.81          | 5.39          | 4.82 50.05   |
| H. H. Developing Mash with Manamar.....                                                   | G                 | 18.00          | 4.00          | 6.50 48.00   |
| 35-5-249 <sup>4,5</sup> .....                                                             | F                 | 19.50          | 5.20          | 5.16 50.47   |
| H. H. Poultry Mash.....                                                                   | G                 | 20.75          | 5.00          | 8.75 44.00   |
| 35-5-250.....                                                                             | F                 | 22.56          | 5.71          | 6.41 42.59   |
| H. H. Station Fattener with Manamar.....                                                  | G                 | 13.50          | 5.00          | 5.50 55.50   |
| 35-5-251.....                                                                             | F                 | 16.38          | 4.95          | 3.09 60.43   |
| Seckona Fattening Mash.....                                                               | G                 | 13.00          | 4.50          | 6.00 54.00   |
| 35-5-252.....                                                                             | F                 | 16.31          | 5.43          | 4.52 58.81   |
| H. H. Special Dairy Feed.....                                                             | G                 | 9.00           | 2.00          | 17.00 50.00  |
| 35-6-1.....                                                                               | F                 | 9.94           | 2.36          | 16.39 52.55  |
| H. H. Dairy Feed Supplement with Manamar.....                                             | G                 | 20.00          | 3.00          | 16.50 35.00  |
| 35-6-2 <sup>11</sup> .....                                                                | F                 | 21.31          | 3.94          | 15.66 37.44  |
| H. H. 16 Dairy Feed.....                                                                  | G                 | 16.00          | 3.00          | 13.00 47.00  |
| 35-6-3.....                                                                               | F                 | 18.00          | 4.00          | 12.43 46.84  |
| H. H. 24 Dairy Feed.....                                                                  | G                 | 24.00          | 3.75          | 11.50 41.00  |
| 35-6-4.....                                                                               | F                 | 23.66          | 3.92          | 10.93 42.54  |
| H. H. 18 Dairy Feed.....                                                                  | G                 | 18.00          | 3.25          | 13.00 44.00  |
| 35-6-5.....                                                                               | F                 | 17.69          | 3.49          | 12.57 47.77  |
| H. H. Horse Feed.....                                                                     | G                 | 10.25          | 3.00          | 13.00 53.00  |
| 35-6-6.....                                                                               | F                 | 10.66          | 3.00          | 10.62 53.81  |
| H. H. Crate Fattener.....                                                                 | G                 | 13.00          | 3.75          | 2.75 60.00   |
| 35-6-7.....                                                                               | F                 | 15.50          | 3.73          | 3.07 61.52   |
| H. H. Pigeon Feed.....                                                                    | G                 | 13.00          | 2.00          | 2.75 66.00   |
| 35-6-8.....                                                                               | F                 | 13.63          | 2.67          | 2.59 67.83   |
| Seckona Hen Feed.....                                                                     | G                 | 9.00           | 3.25          | 2.75 70.00   |
| 35-6-9.....                                                                               | F                 | 10.88          | 3.49          | 2.15 68.64   |
| H. H. Sifted Cracked Corn.....                                                            | G                 | 8.00           | 3.65          | 1.70 70.50   |
| 35-6-51.....                                                                              | F                 | 10.06          | 4.04          | 1.80 69.83   |
| H. H. Sifted Cracked Corn.....                                                            | G                 | 8.00           | 3.65          | 1.70 70.50   |
| 35-6-125.....                                                                             | F                 | 11.00          | 4.16          | 2.02 68.92   |
| H. H. Lay Mash.....                                                                       | G                 | 18.00          | 3.25          | 7.50 49.00   |
| 35-6-206.....                                                                             | F                 | 18.31          | 4.20          | 5.80 49.49   |
| H. H. Starting Mash with Buttermilk.....                                                  | G                 | 18.50          | 4.50          | 5.75 53.00   |
| 35-6-209.....                                                                             | F                 | 19.88          | 4.60          | 4.83 51.07   |
| H. H. Turkey Starter with Manamar.....                                                    | G                 | 23.00          | 6.00          | 5.50 43.00   |
| 35-9-101.....                                                                             | F                 | 22.75          | 5.73          | 4.98 47.41   |
| H. H. Porkmaker with Manamar.....                                                         | G                 | 40.00          | 5.50          | 9.00 19.00   |
| 35-9-102 <sup>4,5</sup> .....                                                             | F                 | 42.44          | 5.91          | 7.63 22.57   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |  |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|--|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |  |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |  |
| <b>Helena Cotton Oil Mill, Helena, Ark.</b>                                               |                                |      |       |        |  |
| Blanco Brand 41 % Protein Cottonseed Meal.....                                            | G 41.00                        | 5.00 | 11.00 | 26.00  |  |
| 35-12-197.....                                                                            | F 42.31                        | 7.17 | 10.74 | 26.80  |  |
| <b>Henderson Produce Co., Chillicothe, Mo.</b>                                            |                                |      |       |        |  |
| Henderson's Missouri Formula Chick Mash.....                                              | G 15.00                        | 4.50 | 4.50  | 53.00  |  |
| 35-8-90 <sup>7,11</sup> .....                                                             | F 16.19                        | 4.91 | 3.74  | 56.90  |  |
| Henderson's Missouri Formula Egg Mash.....                                                | G 20.00                        | 4.50 | 6.00  | 44.00  |  |
| 35-8-91.....                                                                              | F 23.00                        | 6.60 | 4.08  | 47.78  |  |
| Henderson's Vigorine Chick Mash.....                                                      | G 15.00                        | 4.00 | 7.00  | 55.00  |  |
| 35-8-92 <sup>4,5,13</sup> .....                                                           | F 17.06                        | 4.88 | 6.17  | 51.38  |  |
| Henderson's Uwanta Growing Mash.....                                                      | G 16.00                        | 4.00 | 6.00  | 55.00  |  |
| 35-8-139 <sup>4,5</sup> .....                                                             | F 16.13                        | 4.83 | 5.93  | 56.46  |  |
| Henderson's Uwanta Egg Mash.....                                                          | G 18.00                        | 4.50 | 6.00  | 44.00  |  |
| 35-8-140 <sup>11,24,25</sup> .....                                                        | F 21.38                        | 5.58 | 5.31  | 46.46  |  |
| Henderson's Uwanta Chick Mash.....                                                        | G 16.00                        | 4.50 | 4.50  | 50.00  |  |
| 35-8-141 <sup>11,24,25</sup> .....                                                        | F 16.06                        | 4.74 | 4.41  | 57.85  |  |
| Henderson's Vigorine Egg Mash.....                                                        | G 16.00                        | 4.00 | 7.50  | 48.00  |  |
| 35-8-142.....                                                                             | F 17.50                        | 4.24 | 6.42  | 51.31  |  |
| Henderson's Vigorine Chick Mash.....                                                      | G 15.00                        | 4.00 | 7.00  | 55.00  |  |
| 35-8-143.....                                                                             | F 16.38                        | 4.87 | 5.79  | 51.87  |  |
| <b>Higginsville Flour Mill, Higginsville, Mo.</b>                                         |                                |      |       |        |  |
| Wheat Gray Shorts and Ground Wheat Screenings,<br>not to Exceed 8 %.....                  | G 16.00                        | 3.50 | 5.50  | 52.00  |  |
| 35-1-146 <sup>4,5</sup> .....                                                             | F 17.56                        | 4.85 | 5.74  | 55.72  |  |
| Wheat Bran.....                                                                           | G 14.00                        | 3.50 | 11.00 | 50.00  |  |
| 35-1-147 <sup>4,5</sup> .....                                                             | F 15.94                        | 4.05 | 9.94  | 51.62  |  |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not to Exceed 8 %.....                  | G 16.00                        | 3.50 | 5.50  | 52.00  |  |
| 35-10-207.....                                                                            | F 16.56                        | 4.67 | 7.27  | 54.94  |  |
| Wheat Bran.....                                                                           | G 14.00                        | 3.50 | 11.00 | 50.00  |  |
| 35-11-22.....                                                                             | F 15.19                        | 4.32 | 10.16 | 51.65  |  |
| Wheat Mixed Feed and Ground Wheat Screenings,<br>not Exceeding Mill-run.....              | G 15.00                        | 3.00 | 8.20  | 51.00  |  |
| 35-11-32.....                                                                             | F 16.56                        | 5.32 | 9.12  | 52.20  |  |
| <b>Christ Hilke Hay and Grain Co., St. Louis, Mo.</b>                                     |                                |      |       |        |  |
| Hen Feed.....                                                                             | G 10.00                        | 2.50 | 5.00  | 60.00  |  |
| 35-5-224.....                                                                             | F 10.06                        | 3.34 | 2.41  | 69.03  |  |
| <b>J. K. Hill, Nevada, Mo.</b>                                                            |                                |      |       |        |  |
| Osage Starter and Grower.....                                                             | G 16.00                        | 3.50 | 7.00  | 50.00  |  |
| 35-9-12.....                                                                              | F 17.44                        | 5.09 | 5.01  | 53.80  |  |
| Osage 16 % Dairy.....                                                                     | G 16.00                        | 5.00 | 9.00  | 50.00  |  |
| 35-9-13 <sup>35</sup> .....                                                               | F 14.31                        | 3.54 | 8.51  | 54.56  |  |
| Osage Laying Mash.....                                                                    | G 18.00                        | 3.50 | 7.00  | 50.00  |  |
| 35-9-14.....                                                                              | F 16.63                        | 4.00 | 5.38  | 54.76  |  |
| Poultry Scratch Feed.....                                                                 | G 10.00                        | 2.50 | 1.00  | 65.00  |  |
| 35-9-15 <sup>4,5</sup> .....                                                              | F 11.50                        | 2.25 | 1.93  | 70.84  |  |
| Chick Grains.....                                                                         | G 9.00                         | 3.00 | 3.00  | 68.00  |  |
| 35-9-16 <sup>6,24</sup> .....                                                             | F 12.13                        | 2.61 | 1.81  | 70.15  |  |
| Osage Laying Mash.....                                                                    | G 18.00                        | 3.50 | 7.00  | 50.00  |  |
| 35-11-110.....                                                                            | F 17.56                        | 5.12 | 5.12  | 55.21  |  |
| Osage 16 % Dairy.....                                                                     | G 16.00                        | 5.00 | 9.00  | 50.00  |  |
| 35-11-111 <sup>7</sup> .....                                                              | F 16.25                        | 3.53 | 7.11  | 57.57  |  |
| <b>Hirter Brothers, St. Joseph, Mo.</b>                                                   |                                |      |       |        |  |
| New Missouri Formula All-Mash Chick Starter.....                                          | G 14.50                        | 3.00 | 5.00  | 50.00  |  |
| 35-5-164 <sup>7,22</sup> .....                                                            | F 16.50                        | 6.31 | 3.40  | 55.68  |  |
| New Missouri Formula Laying Mash.....                                                     | G 18.00                        | 4.00 | 6.00  | 44.00  |  |
| 35-5-165 <sup>7,22</sup> .....                                                            | F 22.25                        | 5.59 | 5.55  | 45.74  |  |
| The New Missouri Formula Growing Mash.....                                                | G 17.00                        | 3.50 | 6.00  | 43.00  |  |
| 35-10-35 <sup>7,22</sup> .....                                                            | F 19.25                        | 4.91 | 4.56  | 50.43  |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber      N.F.E. |      |       |       |
|-------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------|------|-------|-------|
| <b>Holden Milling &amp; Elevator Co., Holden, Mo.</b>                                     |   |                                                                                                |      |       |       |
| Missouri Maid Mixed Feed.....                                                             | G | 15.00                                                                                          | 3.50 | 8.50  | 44.00 |
| 35-11-16.....                                                                             | F | 16.56                                                                                          | 4.79 | 7.90  | 56.26 |
| Pure Wheat Bran.....                                                                      | G | 14.50                                                                                          | 3.50 | 11.00 | 40.00 |
| 35-11-17 <sup>8,18</sup> .....                                                            | F | 15.94                                                                                          | 4.19 | 10.66 | 52.73 |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding 2 %.....                  | G | 16.00                                                                                          | 3.50 | 6.00  | 49.50 |
| 35-11-18 <sup>18,22</sup> .....                                                           | F | 17.06                                                                                          | 4.88 | 6.27  | 57.44 |
| Missouri Maid Laying Mash with Buttermilk.....                                            | G | 18.00                                                                                          | 4.00 | 8.00  | 42.00 |
| 35-11-19.....                                                                             | F | 21.75                                                                                          | 5.62 | 5.78  | 47.42 |
| <b>Hopkins-Hefner and Ward Co., Puxico, Mo.</b>                                           |   |                                                                                                |      |       |       |
| Corn Bran.....                                                                            | G | 9.00                                                                                           | 3.50 | 8.50  | 50.00 |
| 35-1-107.....                                                                             | F | 11.13                                                                                          | 9.68 | 7.37  | 54.70 |
| Soft Wheat Mixed Feed with Corn Bran.....                                                 | G | 16.00                                                                                          | 3.50 | 8.50  | 52.00 |
| 35-1-108 <sup>7</sup> .....                                                               | F | 15.50                                                                                          | 3.66 | 8.02  | 56.78 |
| Screened Corn Chops.....                                                                  | G | 10.00                                                                                          | 3.50 | 7.00  | 52.00 |
| 35-1-109.....                                                                             | F | 10.88                                                                                          | 4.35 | 1.91  | 68.26 |
| <b>Hopkins Mills, Hopkins, Mo.</b>                                                        |   |                                                                                                |      |       |       |
| Just Right Chick Starter, 15 %.....                                                       | G | 15.00                                                                                          | 3.00 | 4.00  | 57.00 |
| 35-7-61 <sup>4,5,10,13,14,16</sup> .....                                                  | F | 15.44                                                                                          | 4.40 | 3.81  | 57.79 |
| <b>Hopkins Produce Co., Mountain Grove, Mo.</b>                                           |   |                                                                                                |      |       |       |
| Hopkins Laying Mash.....                                                                  | G | 18.00                                                                                          | 4.50 | 11.00 | 48.00 |
| 35-10-224.....                                                                            | F | 22.88                                                                                          | 5.66 | 7.43  | 43.96 |
| Hopkins Dairy Feed.....                                                                   | G | 15.00                                                                                          | 3.50 | 8.50  | 40.00 |
| 35-10-225.....                                                                            | F | 19.44                                                                                          | 4.90 | 7.94  | 53.00 |
| <b>Hughes Milling Co., Salem, Mo.</b>                                                     |   |                                                                                                |      |       |       |
| Hughes' Favorite Laying Mash.....                                                         | G | 16.50                                                                                          | 4.50 | 6.50  | 53.00 |
| 35-8-244 <sup>13</sup> .....                                                              | F | 21.19                                                                                          | 5.37 | 6.78  | 46.21 |
| Hillside Dairy Feed.....                                                                  | G | 17.50                                                                                          | 4.50 | 6.50  | 56.00 |
| 35-8-245 <sup>13</sup> .....                                                              | F | 17.50                                                                                          | 4.50 | 8.55  | 52.05 |
| Hughes' Starting and Growing Mash.....                                                    | G | 15.00                                                                                          | 4.00 | 4.00  | 55.00 |
| 35-8-246.....                                                                             | F | 18.00                                                                                          | 4.23 | 3.17  | 55.64 |
| <b>Hulston Roller Mills, Everton, Mo.</b>                                                 |   |                                                                                                |      |       |       |
| Pure Soft Wheat Bran.....                                                                 | G | 14.50                                                                                          | 3.50 | 11.00 | 47.00 |
| 35-9-237.....                                                                             | F | 15.88                                                                                          | 4.42 | 8.84  | 54.73 |
| Pure Soft Wheat Gray Shorts.....                                                          | G | 16.00                                                                                          | 3.50 | 6.00  | 55.00 |
| 35-9-238.....                                                                             | F | 15.06                                                                                          | 4.29 | 2.16  | 64.27 |
| <b>Humansville Mills, Humansville, Mo.</b>                                                |   |                                                                                                |      |       |       |
| Big Smile Chick Mash.....                                                                 | G | 14.66                                                                                          | 4.44 | 8.12  | 57.74 |
| 35-9-212 <sup>13,14</sup> .....                                                           | F | 17.38                                                                                          | 5.42 | 2.29  | 58.31 |
| Purity Mixed Feed.....                                                                    | G | 14.50                                                                                          | 4.00 | 8.50  | 57.68 |
| 35-9-213 <sup>7</sup> .....                                                               | F | 13.56                                                                                          | 4.29 | 4.30  | 62.87 |
| Satisfaction Laying Mash.....                                                             | G | 18.82                                                                                          | 3.11 | 7.53  | 56.01 |
| 35-9-214 <sup>4,5,13</sup> .....                                                          | F | 18.38                                                                                          | 5.19 | 4.54  | 54.71 |
| Wheat Mixed Feed with Corn Bran.....                                                      | G | 14.50                                                                                          | 4.00 | 8.50  | 57.68 |
| 35-9-215 <sup>2</sup> .....                                                               | F | 18.00                                                                                          | 5.34 | 6.73  | 53.90 |
| <b>Humphreys Godwin Co., Memphis, Tenn.</b>                                               |   |                                                                                                |      |       |       |
| Dixie Brand Prime 41 % Protein Cottonseed Meal...<br>35-1-221 <sup>27</sup> .....         | G | 41.00                                                                                          | 5.00 | 12.00 | 26.00 |
|                                                                                           | F | 41.94                                                                                          | 6.12 | 10.64 | 27.18 |
| Dixie Brand Prime 41 % Protein Cottonseed Meal...<br>35-2-141 <sup>27</sup> .....         | G | 41.00                                                                                          | 5.00 | 12.00 | 26.00 |
|                                                                                           | F | 41.13                                                                                          | 6.86 | 11.78 | 24.89 |
| Dixie Brand Prime 41 % Protein Cottonseed Meal...<br>35-5-27 <sup>27</sup> .....          | G | 41.00                                                                                          | 5.00 | 12.00 | 26.00 |
|                                                                                           | F | 41.38                                                                                          | 5.94 | 12.01 | 26.14 |
| <b>Hungarian Flour Mills, Denver, Colo.</b>                                               |   |                                                                                                |      |       |       |
| White Wheat Mixed Feed and Ground Wheat Screen-<br>ings, not Exceeding 8 %.....           | G | 14.50                                                                                          | 3.00 | 8.50  | 53.00 |
| 35-7-162 <sup>7,10,13</sup> .....                                                         | F | 15.88                                                                                          | 3.90 | 8.18  | 56.54 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| <b>Hunter Huise, New London, Mo.</b>                                                      |                   |                |               |       |        |
| University Formula Laying Mash.....                                                       | G                 | 20.00          | 4.00          | 5.00  | 49.00  |
| 35-7-17.....                                                                              | F                 | 23.25          | 5.18          | 5.70  | 44.79  |
| Missouri Growing Mash, University Formula.....                                            | G                 | 17.00          | 5.00          | 5.00  | 60.00  |
| 35-11-188 <sup>7,13,14,16,33</sup> .....                                                  | F                 | 19.38          | 6.21          | 5.31  | 51.00  |
| <b>Hunter Packing Co., East St. Louis, Ill.</b>                                           |                   |                |               |       |        |
| Hunter Digester Tankage.....                                                              | G                 | 60.00          | 6.00          | 3.00  | 0.00   |
| 35-1-57.....                                                                              | F                 | 54.88          | 8.46          | 0.68  | 0.51   |
| Hunter Digester Tankage.....                                                              | G                 | 60.00          | 6.00          | 3.00  | 0.00   |
| 35-4-52.....                                                                              | F                 | 65.88          | 9.17          | 0.62  | 0.15   |
| Hunter Meat and Bone Scraps.....                                                          | G                 | 50.00          | 6.00          | 3.00  | 0.00   |
| 35-12-17.....                                                                             | F                 | 51.63          | 11.82         | 0.97  | 0.03   |
| <b>Hurley Farmers Exchange, Hurley, Mo.</b>                                               |                   |                |               |       |        |
| Farmers Special Egg Mash.....                                                             | G                 | 16.00          | 3.50          | 7.00  | 48.00  |
| 35-3-10 <sup>11</sup> .....                                                               | F                 | 17.63          | 6.51          | 5.87  | 48.19  |
| Farmers Special Laying Mash.....                                                          | G                 | 16.00          | 3.50          | 7.00  | 48.00  |
| 35-11-204 <sup>10,11</sup> .....                                                          | F                 | 19.13          | 5.48          | 6.57  | 49.86  |
| <b>J. B. Hutchison, Independence, Mo.</b>                                                 |                   |                |               |       |        |
| Quality Laying Mash.....                                                                  | G                 | 16.00          | 4.00          | 8.00  | 55.00  |
| 35-9-45.....                                                                              | F                 | 18.75          | 4.49          | 4.90  | 52.28  |
| Quality Scratch Feed.....                                                                 | G                 | 10.00          | 2.50          | 4.00  | 65.00  |
| 35-9-46.....                                                                              | F                 | 11.00          | 2.94          | 2.23  | 69.84  |
| Quality Dairy Feed.....                                                                   | G                 | 12.00          | 2.50          | 15.00 | 50.00  |
| 35-9-47 <sup>7</sup> .....                                                                | F                 | 15.38          | 2.65          | 10.54 | 52.20  |
| Quality Cracked Corn.....                                                                 | G                 | 9.00           | 3.50          | 3.50  | 65.00  |
| 35-9-48.....                                                                              | F                 | 10.19          | 3.26          | 1.76  | 69.37  |
| <b>Hy-Power Feed Manufacturing Co., Gilman City, Mo.</b>                                  |                   |                |               |       |        |
| Missouri Formula Egg Mash.....                                                            | G                 | 19.00          | 4.00          | 6.00  | 47.00  |
| 35-7-73.....                                                                              | F                 | 22.88          | 4.84          | 4.52  | 46.28  |
| Hy-Power Fortified Laying Mash.....                                                       | G                 | 20.00          | 3.00          | 7.00  | 30.00  |
| 35-7-74.....                                                                              | F                 | 23.63          | 5.55          | 5.27  | 45.11  |
| Hy-Power Plain Laying Mash.....                                                           | G                 | 20.00          | 3.00          | 6.00  | 40.00  |
| 35-7-75.....                                                                              | F                 | 25.31          | 5.51          | 6.18  | 40.86  |
| Missouri Formula Starting Food.....                                                       | G                 | 14.00          | 4.00          | 5.00  | 50.00  |
| 35-7-76.....                                                                              | F                 | 19.81          | 4.45          | 4.03  | 53.66  |
| Hy-Power Sugared Dairy Ration.....                                                        | G                 | 14.00          | 4.00          | 6.00  | 57.00  |
| 35-7-77 <sup>9</sup> .....                                                                | F                 | 15.75          | 4.01          | 7.78  | 54.37  |
| <b>Iberia Milling Co., Iberia, Mo.</b>                                                    |                   |                |               |       |        |
| Wheat Mixed Feed.....                                                                     | G                 | 15.00          | 3.25          | 8.50  | 53.00  |
| 35-9-7.....                                                                               | F                 | 23.13          | 3.94          | 7.47  | 51.51  |
| Corn Bran.....                                                                            | G                 | 9.00           | 4.50          | 10.50 | 63.00  |
| 35-9-8.....                                                                               | F                 | 12.13          | 5.50          | 8.35  | 59.66  |
| <b>Imperial Mills Co., Clarksville, Mo.</b>                                               |                   |                |               |       |        |
| Imperial Starting Mash.....                                                               | G                 | 17.00          | 4.50          | 5.50  | 45.00  |
| 35-7-29.....                                                                              | F                 | 18.56          | 4.74          | 4.57  | 51.94  |
| <b>Ismert-Hincke Milling Co., Kansas City, Mo.</b>                                        |                   |                |               |       |        |
| Pure Wheat Bran.....                                                                      | G                 | 16.00          | 3.50          | 11.00 | 47.00  |
| 35-3-237.....                                                                             | F                 | 18.59          | 4.26          | 9.59  | 48.02  |
| A. B. C. Wheat Feed and Ground Wheat Screenings,<br>not Exceeding Mill-run.....           | G                 | 16.00          | 3.50          | 6.50  | 54.00  |
| 35-3-238 <sup>22</sup> .....                                                              | F                 | 19.09          | 5.10          | 5.16  | 54.13  |
| I. H. Pure Wheat White Middlings.....                                                     | G                 | 14.50          | 3.00          | 3.50  | 56.00  |
| 35-3-239.....                                                                             | F                 | 16.28          | 3.50          | 2.35  | 64.97  |
| Mill-run Wheat Feed and Ground Wheat Screenings,<br>not Exceeding Mill-run.....           | G                 | 16.00          | 3.50          | 8.50  | 52.00  |
| 35-3-240.....                                                                             | F                 | 17.59          | 4.84          | 7.62  | 52.35  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                       |                        |        |
|-------------------------------------------------------------------------------------------|-------------------|-----------------------|------------------------|--------|
|                                                                                           | %<br>Protein      | Guaranteed (G)<br>Fat | and Found (F)<br>Fiber | N.F.E. |
| <b>Gray Wheat Shorts and Ground Wheat Screenings,</b><br>not Exceeding Mill-run.....      |                   |                       |                        |        |
| 35-5-28 <sup>22</sup> .....                                                               | G 16.00           | 3.50                  | 6.00                   | 54.00  |
| Pure Wheat Bran.....                                                                      | F 19.25           | 4.78                  | 6.32                   | 52.97  |
| 35-6-247.....                                                                             | G 16.00           | 3.50                  | 11.00                  | 47.00  |
|                                                                                           | F 16.19           | 5.04                  | 10.49                  | 48.53  |
| <b>Jacksonville Mill, Jacksonville, Mo.</b>                                               |                   |                       |                        |        |
| Laying Mash.....                                                                          | G 21.20           | 4.89                  | 5.66                   | 46.90  |
| 35-10-174.....                                                                            | F 21.13           | 5.52                  | 4.73                   | 48.41  |
| <b>Jasper Farmers Exchange, Jasper, Mo.</b>                                               |                   |                       |                        |        |
| Missouri Formula All-Mash Chick Starter.....                                              | G 15.00           | 3.50                  | 5.00                   | 54.40  |
| 35-8-10 <sup>2</sup> .....                                                                | F 16.81           | 4.10                  | 3.54                   | 56.57  |
| Missouri Formula Laying Mash.....                                                         | G 20.00           | 3.50                  | 6.50                   | 44.00  |
| 35-8-11 <sup>2</sup> .....                                                                | F 21.50           | 5.68                  | 4.33                   | 46.60  |
| Farmers Developing Grain.....                                                             | G 9.00            | 2.50                  | 4.50                   | 60.00  |
| 35-11-119.....                                                                            | F 11.25           | 2.84                  | 1.95                   | 72.03  |
| Missouri Formula Laying Mash.....                                                         | G 20.00           | 3.50                  | 6.50                   | 44.00  |
| 35-11-120.....                                                                            | F 21.63           | 5.42                  | 5.55                   | 48.07  |
| <b>Jefferson City Produce Co., Jefferson City, Mo.</b>                                    |                   |                       |                        |        |
| Homix Laying Mash.....                                                                    | G 16.00           | 4.00                  | 7.00                   | 45.00  |
| 35-10-3 <sup>8,11,13</sup> .....                                                          | F 15.81           | 4.92                  | 5.97                   | 56.13  |
| Homix Dairy Feed.....                                                                     | G 15.00           | 2.50                  | 14.00                  | 45.00  |
| 35-10-4.....                                                                              | F 16.25           | 4.05                  | 12.85                  | 50.10  |
| <b>Jeffries Store, Versailles, Mo.</b>                                                    |                   |                       |                        |        |
| Missouri Formula Laying Mash.....                                                         | G 16.00           | 3.00                  | 8.00                   | 48.00  |
| 35-3-67 <sup>2</sup> .....                                                                | F 18.06           | 5.12                  | 5.57                   | 53.80  |
| <b>J. E. Jerabek and Son, Truesdale, Mo.</b>                                              |                   |                       |                        |        |
| Competitive Egg Mash.....                                                                 | G 16.00           | 3.00                  | 6.50                   | 45.00  |
| 35-1-248.....                                                                             | F 16.13           | 4.54                  | 4.65                   | 51.80  |
| <b>Johnson Feed and Produce Co., Brunswick, Mo.</b>                                       |                   |                       |                        |        |
| Farmers 16 % Laying Mash.....                                                             | G 16.00           | 3.50                  | 6.50                   | 45.00  |
| 35-8-120.....                                                                             | F 16.75           | 3.86                  | 5.28                   | 55.91  |
| Johnson's Best Dairy Feed.....                                                            | G 16.00           | 3.50                  | 11.00                  | 48.00  |
| 35-8-121.....                                                                             | F 14.13           | 5.43                  | 7.85                   | 55.75  |
| Johnson's Best Starting Mash.....                                                         | G 17.00           | 4.50                  | 5.50                   | 45.00  |
| 35-8-122.....                                                                             | F 18.50           | 5.24                  | 3.74                   | 53.75  |
| <b>Roy Jones Mill Feed and Produce, Clever, Mo.</b>                                       |                   |                       |                        |        |
| Jones' Special Laying Mash.....                                                           | G 16.93           | 4.68                  | 6.53                   | 54.06  |
| 35-1-195 <sup>9,13,22</sup> .....                                                         | F 17.38           | 5.21                  | 7.64                   | 50.29  |
| <b>Kansas City Cake and Meal Co., Kansas City, Mo.</b>                                    |                   |                       |                        |        |
| K. C. Brand 41 % Protein Cottonseed Meal.....                                             | G 41.00           | 5.00                  | 14.00                  | 23.00  |
| 35-2-176 <sup>7,19</sup> .....                                                            | F 41.00           | 5.90                  | 11.62                  | 27.15  |
| K. C. Brand 41 % Protein Cottonseed Meal.....                                             | G 41.00           | 5.00                  | 14.00                  | 23.00  |
| 35-5-163 <sup>7,19</sup> .....                                                            | F 40.44           | 6.79                  | 11.35                  | 27.31  |
| K. C. Brand 41 % Protein Cottonseed Meal.....                                             | G 41.00           | 5.00                  | 14.00                  | 23.00  |
| 35-9-241 <sup>7,19</sup> .....                                                            | F 41.00           | 6.53                  | 10.76                  | 26.67  |
| <b>The Kansas Flour Mills Corp., Kansas City, Mo.</b>                                     |                   |                       |                        |        |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding Mill-run or 8 %.....      | G 16.00           | 3.50                  | 6.00                   | 55.00  |
| 35-2-214 <sup>18,22</sup> .....                                                           | F 19.56           | 5.01                  | 5.61                   | 50.35  |
| Wheat Mixed Feed and Ground Wheat Screenings,<br>not Exceeding 8 %.....                   | G 16.00           | 3.50                  | 8.50                   | 52.00  |
| 35-3-126 <sup>18,22</sup> .....                                                           | F 18.31           | 4.28                  | 8.34                   | 52.54  |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding 8 %.....                  | G 16.00           | 3.50                  | 6.00                   | 55.00  |
| 35-4-6 <sup>18,22</sup> .....                                                             | F 17.94           | 4.50                  | 6.02                   | 54.10  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| Big Flake Pure Wheat Bran.....                                                            | G 15.00                        | 3.50 | 11.00 | 49.00  |
| 35-4-7 <sup>18</sup> .....                                                                | F 16.13                        | 3.71 | 10.04 | 50.31  |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding 8 %.....                  | G 16.00                        | 3.50 | 6.00  | 65.00  |
| 35-5-103 <sup>18,22</sup> .....                                                           | F 19.44                        | 4.72 | 5.00  | 54.11  |
| Big Flake Pure Wheat Bran.....                                                            | G 15.00                        | 3.50 | 11.00 | 49.00  |
| 35-8-174 <sup>18</sup> .....                                                              | F 17.69                        | 3.07 | 10.41 | 48.02  |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding 8 %.....                  | G 16.00                        | 3.50 | 6.00  | 55.00  |
| 35-8-175 <sup>18</sup> .....                                                              | F 19.81                        | 4.67 | 6.13  | 50.17  |
| <b>Kansas City Mills, Kansas City, Mo.</b>                                                |                                |      |       |        |
| Kaysee 40 % Grain Horse and Mule Feed.....                                                | G 10.00                        | 2.00 | 13.50 | 57.00  |
| 35-3-123 <sup>18</sup> .....                                                              | F 8.97                         | 2.10 | 15.77 | 50.39  |
| Eagle Alfalfa Molasses Feed.....                                                          | G 10.00                        | 1.00 | 24.00 | 45.00  |
| 35-3-127.....                                                                             | F 7.92                         | 1.17 | 16.04 | 51.21  |
| Kaysee 11 % Protein Molasses Dairy Feed.....                                              | G 11.00                        | 2.00 | 13.50 | 52.00  |
| 35-3-157 <sup>8</sup> .....                                                               | F 10.11                        | 1.68 | 8.51  | 56.00  |
| Kaysee Molasses Cattle Fattener Feed.....                                                 | G 10.00                        | 2.50 | 15.00 | 53.00  |
| 35-3-158.....                                                                             | F 9.16                         | 1.58 | 10.05 | 55.73  |
| Eagle Brown Molasses Cattle Fattener Feed.....                                            | G 6.00                         | 0.50 | 17.00 | 50.00  |
| 35-3-159.....                                                                             | F 7.38                         | 0.96 | 12.98 | 54.95  |
| Eagle Alfalfa Molasses Feed.....                                                          | G 10.00                        | 1.00 | 24.00 | 45.00  |
| 35-3-160.....                                                                             | F 8.95                         | 1.47 | 17.72 | 50.09  |
| Kaysee Wheat Brown Shorts and Ground Wheat<br>Screenings, not Exceeding 5 %.....          | G 17.00                        | 4.20 | 7.00  | 45.00  |
| 35-9-207 <sup>6,13</sup> .....                                                            | F 18.56                        | 4.75 | 7.36  | 53.33  |
| <b>The Kansas Milling Co., Wichita, Kan.</b>                                              |                                |      |       |        |
| Wheat Bran and Ground Mill-run Wheat Screenings.....                                      | G 15.50                        | 3.50 | 11.00 | 47.00  |
| 35-1-194 <sup>22</sup> .....                                                              | F 16.94                        | 4.22 | 8.94  | 50.29  |
| <b>The K. B. R. Milling Co., Marquette, Kan.</b>                                          |                                |      |       |        |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding 8 %.....                  | G 16.50                        | 4.00 | 6.00  | 54.00  |
| 35-3-195 <sup>5,22</sup> .....                                                            | F 20.19                        | 4.10 | 5.44  | 53.06  |
| <b>Kearney Grain and Supply Co., Kearney, Mo.</b>                                         |                                |      |       |        |
| Laymore Egg Mash.....                                                                     | G 17.00                        | 3.50 | 7.00  | 54.00  |
| 35-8-161 <sup>6,7,9,13</sup> .....                                                        | F 18.38                        | 4.49 | 6.33  | 52.96  |
| Milkmore Dairy Feed.....                                                                  | G 14.00                        | 3.50 | 9.00  | 54.00  |
| 35-8-162 <sup>9,13,22</sup> .....                                                         | F 13.06                        | 4.14 | 7.21  | 57.87  |
| Lay More Egg Mash.....                                                                    | G 17.00                        | 3.50 | 7.00  | 54.00  |
| 35-12-60 <sup>13</sup> .....                                                              | F 17.94                        | 4.41 | 5.41  | 57.00  |
| Milk More Dairy Feed.....                                                                 | G 14.00                        | 3.50 | 9.00  | 54.00  |
| 35-12-61 <sup>9,13</sup> .....                                                            | F 14.00                        | 6.61 | 6.08  | 57.62  |
| <b>Kelco Company, Chicago, Ill.</b>                                                       |                                |      |       |        |
| Kelco Meal.....                                                                           | G 3.00                         | 0.10 | 10.00 | 30.00  |
| 35-12-181 <sup>18</sup> .....                                                             | F 6.06                         | 1.24 | 6.11  | 39.71  |
| <b>Spencer Kellogg and Sons, Inc., Minneapolis, Minn.</b>                                 |                                |      |       |        |
| Kellogg's 37 % Protein Pure Old Process Linseed Meal.....                                 | G 37.00                        | 4.50 | 9.00  | 32.00  |
| 35-4-51.....                                                                              | F 41.88                        | 5.20 | 6.61  | 30.75  |
| Kellogg's 40 % Protein Pure Old Process Linseed Meal.....                                 | G 40.00                        | 4.50 | 9.00  | 30.00  |
| 35-5-122.....                                                                             | F 41.13                        | 5.04 | 6.97  | 32.99  |
| <b>Kelso Milling Corp., Kelso, Mo.</b>                                                    |                                |      |       |        |
| Soft Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....              | G 13.50                        | 3.50 | 10.00 | 53.00  |
| 35-1-135 <sup>22</sup> .....                                                              | F 14.25                        | 3.52 | 8.19  | 55.75  |
| Graded (or Screened) Corn Chops.....                                                      | G 9.00                         | 4.00 | 3.00  | 60.00  |
| 35-6-189.....                                                                             | F 8.50                         | 4.34 | 1.86  | 71.54  |
| Kelso Scratch Feed.....                                                                   | G 10.00                        | 4.00 | 5.50  | 60.00  |
| 35-10-165.....                                                                            | F 11.63                        | 4.51 | 2.91  | 67.90  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |             |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E.      |
| Missouri Laying Mash.....                                                                 | G                 | 18.00          | 4.00          | 7.00 45.00  |
| 35-10-166.....                                                                            | F                 | 25.56          | 6.86          | 4.72 43.53  |
| Kelso Laying Mash.....                                                                    | G                 | 21.00          | 5.00          | 7.00 45.00  |
| 35-10-167.....                                                                            | F                 | 21.56          | 6.12          | 5.66 46.68  |
| Soft Wheat Gray Shorts.....                                                               | G                 | 15.00          | 3.50          | 6.00 58.00  |
| 35-10-168.....                                                                            | F                 | 15.19          | 3.77          | 5.19 60.63  |
| Soft Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....              | G                 | 13.50          | 3.50          | 10.00 53.00 |
| 35-10-169.....                                                                            | F                 | 14.88          | 3.81          | 7.11 59.11  |
| <b>Kelso Seed Co., Pittsburg, Kan.</b>                                                    |                   |                |               |             |
| Kelso's Poultry Fattener.....                                                             | G                 | 12.50          | 4.20          | 6.50 60.00  |
| 35-7-137 <sup>11,13</sup> .....                                                           | F                 | 15.56          | 4.48          | 5.27 61.39  |
| Economy Egg Mash.....                                                                     | G                 | 18.50          | 3.50          | 6.50 48.00  |
| 35-7-138 <sup>9,13</sup> .....                                                            | F                 | 17.06          | 4.68          | 5.30 53.82  |
| Kelso's Chick Scratch.....                                                                | G                 | 9.54           | 3.50          | 2.58 63.00  |
| 35-7-139 <sup>4,9</sup> .....                                                             | F                 | 10.75          | 3.40          | 1.19 71.40  |
| Kelso's All-Mash Chick Starter.....                                                       | G                 | 17.00          | 4.00          | 6.00 50.00  |
| 35-7-142 <sup>4,13,26</sup> .....                                                         | F                 | 18.38          | 5.53          | 3.95 55.96  |
| Rainbow Dairy Feed.....                                                                   | G                 | 16.00          | 3.50          | 7.00 55.00  |
| 35-7-156 <sup>4,13</sup> .....                                                            | F                 | 16.13          | 3.85          | 10.55 50.67 |
| Screened Corn Chop.....                                                                   | G                 | 9.00           | 3.50          | 3.50 65.00  |
| 35-7-158.....                                                                             | F                 | 9.50           | 4.21          | 1.83 71.71  |
| Economy Hen Feed.....                                                                     | G                 | 9.54           | 3.50          | 2.58 63.00  |
| 35-7-159 <sup>5,6,18,24,25</sup> .....                                                    | F                 | 10.38          | 3.23          | 2.23 71.50  |
| Kelso's Hog Fattener.....                                                                 | G                 | 16.00          | 4.00          | 5.50 45.50  |
| 35-7-160 <sup>4,13,26</sup> .....                                                         | F                 | 15.75          | 4.44          | 5.49 58.05  |
| Rainbow Calf Meal.....                                                                    | G                 | 20.00          | 3.50          | 5.00 50.00  |
| 35-7-161 <sup>4</sup> .....                                                               | F                 | 21.50          | 4.02          | 4.79 54.66  |
| <b>C. H. Kempker, Eugene, Mo.</b>                                                         |                   |                |               |             |
| Superior Egg Mash No. 2.....                                                              | G                 | 17.50          | 4.00          | 7.00 48.00  |
| 35-10-1 <sup>18</sup> .....                                                               | F                 | 19.25          | 4.92          | 7.56 47.43  |
| Superior Starting Mash.....                                                               | G                 | 17.00          | 4.50          | 5.50 45.00  |
| 35-10-2.....                                                                              | F                 | 17.56          | 5.28          | 4.71 54.37  |
| <b>Kent Dairy Products Corp., West Plains, Mo.</b>                                        |                   |                |               |             |
| Roller Skim Milk Powder.....                                                              | G                 | 33.94          | 0.86          | 0.00 48.40  |
| 35-12-20 <sup>6,7</sup> .....                                                             | F                 | 38.16          | 1.04          | 0.00 50.12  |
| Pure Dried Buttermilk.....                                                                | G                 | 35.39          | 8.98          | 0.00 41.29  |
| 35-12-21 <sup>6,7</sup> .....                                                             | F                 | 36.94          | 8.00          | 0.00 38.52  |
| <b>Keosauqua Co-op. Creamery Assn., Keosauqua, Iowa.</b>                                  |                   |                |               |             |
| Co-Op. Evaporated Buttermilk.....                                                         | G                 | 33.00          | 3.50          | 0.00 35.00  |
| 35-10-88.....                                                                             | F                 | 33.38          | 6.22          | 0.00 43.24  |
| <b>Frank N. Kettering, Graham, Mo.</b>                                                    |                   |                |               |             |
| Chick Growing Mash.....                                                                   | G                 | 17.00          | 3.50          | 6.50 46.00  |
| 35-7-58 <sup>11</sup> .....                                                               | F                 | 19.94          | 6.18          | 6.17 47.93  |
| Missouri Formula All-Mash Chick Starter.....                                              | G                 | 15.00          | 3.00          | 5.00 50.00  |
| 35-7-59 <sup>18</sup> .....                                                               | F                 | 17.31          | 5.25          | 3.60 56.47  |
| Missouri Formula Laying Mash.....                                                         | G                 | 20.00          | 3.25          | 6.00 43.00  |
| 35-7-60 <sup>18</sup> .....                                                               | F                 | 25.81          | 6.35          | 5.67 42.51  |
| <b>Killingsworth &amp; Edmonson, Walnut Grove, Mo.</b>                                    |                   |                |               |             |
| K & E Egg Mash.....                                                                       | G                 | 17.50          | 3.50          | 10.00 46.50 |
| 35-11-45 <sup>9,11</sup> .....                                                            | F                 | 21.75          | 6.88          | 5.40 41.87  |
| LePage Cut Yellow Corn Chops.....                                                         | G                 | 9.00           | 3.50          | 3.50 65.00  |
| 35-11-46 <sup>4,5</sup> .....                                                             | F                 | 9.88           | 3.99          | 1.64 72.89  |
| <b>M. D. King Milling Co., Inc., Pittsfield, Ill.</b>                                     |                   |                |               |             |
| King Pure Soft Wheat Bran.....                                                            | G                 | 15.00          | 3.50          | 11.00 50.00 |
| 35-6-252.....                                                                             | F                 | 15.94          | 4.34          | 9.96 49.52  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber | N.F.E. |
| <b>King and Brown Feed Co., Birch Tree, Mo.</b>                                           |                                |         |      |       |        |
| Liza Special Egg Mash.....                                                                | G                              | 16.50   | 3.50 | 5.80  | 46.00  |
| 35-2-63 <sup>13</sup> .....                                                               | F                              | 22.31   | 5.68 | 5.21  | 47.96  |
| <b>W. L. Kirgan Flour and Feed Co., St. James, Mo.</b>                                    |                                |         |      |       |        |
| Kirgan's Laying Mash.....                                                                 | G                              | 20.00   | 4.00 | 7.50  | 41.50  |
| 35-8-248 <sup>11</sup> .....                                                              | F                              | 25.19   | 6.01 | 5.67  | 41.03  |
| <b>Geo. A. Klingsberg, Concordia, Mo.</b>                                                 |                                |         |      |       |        |
| Pep Dairy Feed.....                                                                       | G                              | 17.50   | 3.50 | 10.00 | 64.00  |
| 35-1-156 <sup>7,9</sup> .....                                                             | F                              | 20.19   | 4.64 | 10.68 | 45.10  |
| Pep Corn Chops.....                                                                       | G                              | 9.80    | 4.10 | 2.20  | 64.50  |
| 35-1-157 <sup>3,7</sup> .....                                                             | F                              | 9.44    | 4.97 | 1.57  | 72.17  |
| Pep Scratch Feed.....                                                                     | G                              | 12.00   | 3.00 | 5.50  | 65.00  |
| 35-1-158 <sup>7</sup> .....                                                               | F                              | 10.46   | 4.49 | 1.93  | 71.13  |
| Pep Laying Mash.....                                                                      | G                              | 18.50   | 4.30 | 8.00  | 55.00  |
| 35-1-159 <sup>7,14</sup> .....                                                            | F                              | 22.56   | 4.43 | 5.30  | 47.18  |
| <b>Krey Packing Co., St. Louis, Mo.</b>                                                   |                                |         |      |       |        |
| Meat and Bone Scraps.....                                                                 | G                              | 50.00   | 6.00 | 3.00  | 1.00   |
| 35-1-193.....                                                                             | F                              | 51.69   | 8.86 | 0.62  | 0.31   |
| Meat and Bone Scraps.....                                                                 | G                              | 50.00   | 6.00 | 3.00  | 1.00   |
| 35-5-226.....                                                                             | F                              | 50.06   | 9.42 | 0.91  | 0.36   |
| <b>Kuhlmann and Meyer Milling Co., California, Mo.</b>                                    |                                |         |      |       |        |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding 8 %.....                  | G                              | 15.00   | 3.50 | 5.50  | 51.50  |
| 35-1-27 <sup>18</sup> .....                                                               | F                              | 16.94   | 5.24 | 7.49  | 55.31  |
| Wheat Bran with Ground Wheat Screenings, not<br>Exceeding 8 %.....                        | G                              | 14.40   | 3.50 | 10.00 | 40.00  |
| 35-1-28 <sup>18</sup> .....                                                               | F                              | 17.13   | 4.72 | 11.09 | 49.78  |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding 8 %.....                  | G                              | 15.00   | 3.50 | 5.50  | 51.50  |
| 35-5-53 <sup>18</sup> .....                                                               | F                              | 17.19   | 5.32 | 7.52  | 54.83  |
| Wheat Bran and Ground Wheat Screenings, not<br>Exceeding 8 %.....                         | G                              | 14.40   | 3.50 | 10.00 | 40.00  |
| 35-5-54 <sup>18</sup> .....                                                               | F                              | 16.75   | 4.25 | 10.31 | 51.30  |
| <b>Laclede Roller Mill, Lebanon, Mo.</b>                                                  |                                |         |      |       |        |
| Purity Dairy Feed.....                                                                    | G                              | 15.00   | 3.50 | 10.00 | 53.00  |
| 35-3-45 <sup>18</sup> .....                                                               | F                              | 14.21   | 5.11 | 6.32  | 56.56  |
| Missouri Laying Mash with Alfalfa Meal.....                                               | G                              | 19.00   | 3.40 | 10.50 | 52.00  |
| 35-3-46 <sup>18,22</sup> .....                                                            | F                              | 20.81   | 5.82 | 6.11  | 46.46  |
| Purity Mixed Feed.....                                                                    | G                              | 11.00   | 3.50 | 12.00 | 53.00  |
| 35-3-47 <sup>18</sup> .....                                                               | F                              | 13.50   | 4.11 | 12.23 | 48.10  |
| Steel Cut Corn Chops.....                                                                 | G                              | 9.00    | 4.00 | 2.50  | 63.50  |
| 35-3-48 <sup>18</sup> .....                                                               | F                              | 9.00    | 5.03 | 1.44  | 71.98  |
| Missouri Grown Mash.....                                                                  | G                              | 13.00   | 4.00 | 7.00  | 55.00  |
| 35-9-246 <sup>13,18</sup> .....                                                           | F                              | 18.44   | 4.87 | 5.00  | 49.67  |
| Missouri All-Mash Starter.....                                                            | G                              | 14.00   | 4.00 | 5.00  | 50.00  |
| 35-9-247.....                                                                             | F                              | 16.44   | 3.80 | 3.14  | 56.79  |
| Missouri Laying Mash.....                                                                 | G                              | 19.00   | 3.50 | 9.00  | 45.00  |
| 35-9-248 <sup>18</sup> .....                                                              | F                              | 21.44   | 4.90 | 4.71  | 47.39  |
| <b>The Lamar Alfalfa Milling Co., Lamar, Colo.</b>                                        |                                |         |      |       |        |
| Alfalfa Meal.....                                                                         | G                              | 13.00   | 1.00 | 33.00 | 40.00  |
| 35-2-145 <sup>3,4,5</sup> .....                                                           | F                              | 16.56   | 1.57 | 24.49 | 31.13  |
| Alfalfa Stem Meal.....                                                                    | G                              | 9.00    | 0.80 | 40.00 | 30.00  |
| 35-6-146.....                                                                             | F                              | 10.19   | 1.30 | 39.78 | 33.67  |
| Alfalfa Meal.....                                                                         | G                              | 13.00   | 1.00 | 33.00 | 40.00  |
| 35-6-147 <sup>4,5</sup> .....                                                             | F                              | 10.81   | 1.33 | 32.86 | 34.55  |
| Alfalfa Meal.....                                                                         | G                              | 13.00   | 1.00 | 33.00 | 40.00  |
| 35-9-90 <sup>3,4,5</sup> .....                                                            | F                              | 13.69   | 1.97 | 30.76 | 35.37  |
| Duplex Alfalfa Meal.....                                                                  | G                              | 13.00   | 1.00 | 33.00 | 40.00  |
| 35-9-91 <sup>4,5</sup> .....                                                              | F                              | 15.06   | 1.15 | 30.06 | 35.49  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)        | Chemical Analyses              |      |       |        |  |
|--------------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|--|
|                                                                                                  | % Guaranteed (G) and Found (F) |      |       |        |  |
|                                                                                                  | Protein                        | Fat  | Fiber | N.F.E. |  |
| <b>Lamar Farmers Exchange, Lamar, Mo.</b>                                                        |                                |      |       |        |  |
| Farmers Chick Mash.....                                                                          | G 15.00                        | 5.00 | 6.00  | 50.00  |  |
| 35-9-178.....                                                                                    | F 16.56                        | 4.28 | 4.01  | 57.31  |  |
| Farmers Developing Grain.....                                                                    | G 9.00                         | 2.50 | 4.50  | 60.00  |  |
| 35-9-179.....                                                                                    | F 10.81                        | 3.53 | 1.92  | 69.59  |  |
| Farmers Developing Mash.....                                                                     | G 19.00                        | 6.00 | 7.00  | 47.00  |  |
| 35-9-180.....                                                                                    | F 19.44                        | 5.29 | 5.32  | 48.01  |  |
| Murphy's Vig-O-Ray Starting Mash.....                                                            | G 17.00                        | 3.00 | 7.00  | 50.00  |  |
| 35-9-181 <sup>6,18</sup> .....                                                                   | F 19.00                        | 4.75 | 4.45  | 53.83  |  |
| Farmers Chick Mash.....                                                                          | G 15.00                        | 5.00 | 6.00  | 50.00  |  |
| 35-11-113.....                                                                                   | F 16.69                        | 4.40 | 6.28  | 54.93  |  |
| Farmers Developing Grain.....                                                                    | G 9.00                         | 2.50 | 4.50  | 60.00  |  |
| 35-11-114.....                                                                                   | F 11.81                        | 3.09 | 2.30  | 70.06  |  |
| Farmers Developing Mash.....                                                                     | G 19.00                        | 6.00 | 7.00  | 47.00  |  |
| 35-11-115.....                                                                                   | F 19.06                        | 5.06 | 6.28  | 48.73  |  |
| <b>Lamar Mills, Inc., Lamar, Mo.</b>                                                             |                                |      |       |        |  |
| Steel Cut Yellow Corn Chops (Medium).....                                                        | G 9.50                         | 3.50 | 3.00  | 70.00  |  |
| 35-9-222 <sup>4,5</sup> .....                                                                    | F 9.88                         | 4.60 | 1.13  | 70.40  |  |
| Mack's Extra Fancy Starting Mash.....                                                            | G 17.00                        | 4.50 | 5.50  | 45.00  |  |
| 35-9-223.....                                                                                    | F 20.06                        | 5.41 | 4.60  | 52.54  |  |
| Mack's Extra Fancy Growing Mash.....                                                             | G 16.00                        | 4.50 | 6.00  | 50.00  |  |
| 35-9-224.....                                                                                    | F 17.56                        | 6.81 | 3.93  | 54.84  |  |
| Mack's Extra Fancy 18 % Laying Mash.....                                                         | G 18.00                        | 4.50 | 6.00  | 50.00  |  |
| 35-11-116.....                                                                                   | F 18.06                        | 4.72 | 6.15  | 53.95  |  |
| Mack's Extra Fancy Laying Mash.....                                                              | G 18.00                        | 4.00 | 7.00  | 51.00  |  |
| 35-11-117 <sup>4,5,13,18</sup> .....                                                             | F 16.31                        | 6.53 | 7.12  | 53.15  |  |
| <b>Fred M. Lange, Sedalia, Mo.</b>                                                               |                                |      |       |        |  |
| Lange's Egg Mash.....                                                                            | G 17.50                        | 4.00 | 8.50  | 45.00  |  |
| 35-1-6 <sup>7,8</sup> .....                                                                      | F 18.50                        | 4.98 | 7.98  | 51.12  |  |
| Lange's Hen Scratch.....                                                                         | G 10.00                        | 2.50 | 5.00  | 60.00  |  |
| 35-1-7 <sup>7</sup> .....                                                                        | F 10.81                        | 3.48 | 2.00  | 70.96  |  |
| Missouri Brand Laying Mash.....                                                                  | G 17.50                        | 3.75 | 7.50  | 52.00  |  |
| 35-1-8 <sup>8,13</sup> .....                                                                     | F 21.00                        | 5.56 | 6.25  | 45.10  |  |
| Lange's Egg Mash.....                                                                            | G 17.50                        | 4.00 | 8.50  | 45.00  |  |
| 35-4-131 <sup>7,8</sup> .....                                                                    | F 19.81                        | 5.30 | 7.41  | 46.56  |  |
| Lange's Hen Scratch.....                                                                         | G 10.00                        | 2.50 | 5.00  | 60.00  |  |
| 35-4-132 <sup>7</sup> .....                                                                      | F 11.25                        | 3.76 | 1.93  | 65.12  |  |
| Missouri Brand Laying Mash.....                                                                  | G 17.50                        | 3.75 | 7.50  | 52.00  |  |
| 35-4-133 <sup>13,14</sup> .....                                                                  | F 19.06                        | 4.89 | 6.02  | 48.66  |  |
| Lange's Egg Mash.....                                                                            | G 17.50                        | 4.00 | 8.50  | 45.00  |  |
| 35-12-214 <sup>7</sup> .....                                                                     | F 19.06                        | 5.11 | 8.74  | 50.13  |  |
| Lange's Hen Scratch.....                                                                         | G 10.00                        | 2.50 | 5.00  | 60.00  |  |
| 35-12-215 <sup>7</sup> .....                                                                     | F 12.25                        | 3.92 | 1.37  | 69.72  |  |
| Missouri Brand Laying Mash.....                                                                  | G 17.50                        | 3.75 | 7.50  | 52.00  |  |
| 35-12-216 <sup>14</sup> .....                                                                    | F 19.19                        | 5.29 | 7.83  | 48.46  |  |
| <b>The Larabee Flour Mill Co., Minneapolis, Minn.</b>                                            |                                |      |       |        |  |
| Sunfed Winter Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run or 8 %.....        | G 15.00                        | 3.50 | 11.00 | 47.00  |  |
| 35-2-208.....                                                                                    | F 17.69                        | 5.15 | 10.94 | 48.30  |  |
| Sunfed Winter Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run or 8 %.....        | G 15.00                        | 3.50 | 11.00 | 47.00  |  |
| 35-3-196.....                                                                                    | F 17.00                        | 3.97 | 11.36 | 48.53  |  |
| Sunfed Winter Wheat Gray Shorts with Ground Wheat Screenings, not to Exceed Mill-run or 8 %..... | G 16.00                        | 3.50 | 6.00  | 56.50  |  |
| 35-4-244.....                                                                                    | F 19.44                        | 4.90 | 1.47  | 58.59  |  |
| Sunfed Winter Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run or 8 %.....        | G 15.00                        | 3.50 | 11.00 | 47.00  |  |
| 35-4-246.....                                                                                    | F 17.75                        | 4.71 | 9.95  | 49.93  |  |
| Sunfed Winter Wheat Red Dog.....                                                                 | G 15.00                        | 3.00 | 3.50  | 56.00  |  |
| 35-4-247.....                                                                                    | F 19.00                        | 3.31 | 3.35  | 61.89  |  |
| Larabee's Best Chick Starter and Grower with Cod Liver Oil and Dried Buttermilk.....             | G 16.00                        | 4.00 | 6.50  | 50.00  |  |
| 35-4-249.....                                                                                    | F 18.88                        | 5.28 | 5.38  | 52.16  |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)    | Chemical Analyses              |         |      |       |        |
|----------------------------------------------------------------------------------------------|--------------------------------|---------|------|-------|--------|
|                                                                                              | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber | N.F.E. |
| Production Scratch Feed (No Grit).....                                                       | G                              | 9.00    | 3.00 | 4.00  | 60.00  |
| 35-4-250.....                                                                                | F                              | 11.25   | 4.08 | 1.97  | 70.22  |
| Production Chick Feed (No Grit).....                                                         | G                              | 9.00    | 3.00 | 4.00  | 60.00  |
| 35-4-251.....                                                                                | F                              | 11.31   | 3.38 | 1.64  | 71.11  |
| Production Egg Mash with Cod Liver Oil.....                                                  | G                              | 18.00   | 4.00 | 7.50  | 50.50  |
| 35-4-252.....                                                                                | F                              | 19.25   | 4.14 | 6.12  | 50.89  |
| Larabee's Best Growing Mash with Cod Liver Oil<br>and Dried Buttermilk.....                  | G                              | 18.00   | 3.50 | 7.00  | 47.00  |
| 35-5-1.....                                                                                  | F                              | 17.94   | 6.64 | 5.79  | 21.17  |
| Larabee's Best Chick Scratch (No Grit).....                                                  | G                              | 10.00   | 3.00 | 3.00  | 67.00  |
| 35-5-2.....                                                                                  | F                              | 10.81   | 3.79 | 1.61  | 69.74  |
| Larabee's Best Developing Feed (No Grit).....                                                | G                              | 9.00    | 3.50 | 5.00  | 60.00  |
| 35-5-3.....                                                                                  | F                              | 11.75   | 3.71 | 1.87  | 68.84  |
| Sunfed Winter Wheat Bran with Ground Wheat<br>Screenings, not Exceeding Mill-run or 8 %..... | G                              | 15.00   | 3.50 | 11.00 | 47.00  |
| 35-5-204.....                                                                                | F                              | 17.38   | 3.77 | 9.50  | 49.95  |
| Sunfed Winter Wheat Bran with Ground Wheat<br>Screenings, not Exceeding Mill-run or 8 %..... | G                              | 15.00   | 3.50 | 11.00 | 47.00  |
| 35-6-244.....                                                                                | F                              | 16.94   | 4.71 | 10.76 | 48.60  |
| <b>The Larrowe Milling Co., Detroit, Mich.</b>                                               |                                |         |      |       |        |
| Dried Molasses-Beet Pulp.....                                                                | G                              | 7.00    | 0.30 | 20.00 | 50.00  |
| 35-5-48.....                                                                                 | F                              | 11.75   | 0.53 | 16.07 | 58.60  |
| <b>Lawson Milling Co., Seneca, Mo.</b>                                                       |                                |         |      |       |        |
| Lawson's All Mash Starting Feed.....                                                         | G                              | 15.50   | 4.00 | 4.20  | 58.00  |
| 35-4-187 <sup>11,14</sup> .....                                                              | F                              | 16.44   | 5.65 | 4.78  | 55.34  |
| Lawson's Laying Mash.....                                                                    | G                              | 17.50   | 4.50 | 8.00  | 49.00  |
| 35-4-188 <sup>9,11,13,14,16</sup> .....                                                      | F                              | 19.75   | 4.61 | 6.27  | 51.45  |
| <b>Layton and Deveyns, Perryville, Mo.</b>                                                   |                                |         |      |       |        |
| Our Pride Starting Mash.....                                                                 | G                              | 17.00   | 4.50 | 5.50  | 45.00  |
| 35-6-128.....                                                                                | F                              | 18.63   | 5.59 | 4.25  | 52.38  |
| Our Pride Laying Mash.....                                                                   | G                              | 18.00   | 4.50 | 6.00  | 50.00  |
| 35-6-129.....                                                                                | F                              | 18.88   | 5.62 | 5.52  | 49.74  |
| <b>Leascher Produce Co., Mountain Grove, Mo.</b>                                             |                                |         |      |       |        |
| More Egg.....                                                                                | G                              | 17.00   | 4.50 | 6.00  | 50.00  |
| 35-12-34 <sup>18</sup> .....                                                                 | F                              | 16.72   | 5.55 | 7.46  | 53.42  |
| <b>H. D. Lee Flour Mills Co., Sallna, Kan.</b>                                               |                                |         |      |       |        |
| Wheat Bran and Ground Wheat Screenings, not<br>Exceeding Mill-run.....                       | G                              | 14.50   | 3.50 | 11.00 | 47.00  |
| 35-12-4 <sup>22</sup> .....                                                                  | F                              | 16.44   | 4.96 | 11.62 | 49.57  |
| <b>Leeds Feed and Seed Store, Kansas City, Mo.</b>                                           |                                |         |      |       |        |
| Jack's Egg Mash.....                                                                         | G                              | 18.00   | 4.00 | 7.50  | 50.00  |
| 35-3-156.....                                                                                | F                              | 19.81   | 5.41 | 4.92  | 51.33  |
| <b>Lees Summit Elevator and Grain Co., Lees Sum-<br/>mit, Mo.</b>                            |                                |         |      |       |        |
| Laying Mash.....                                                                             | G                              | 18.50   | 4.00 | 7.00  | 48.00  |
| 35-9-69 <sup>13,18</sup> .....                                                               | F                              | 20.31   | 4.76 | 6.23  | 50.70  |
| Growing Mash.....                                                                            | G                              | 18.00   | 4.00 | 4.50  | 52.00  |
| 35-9-70.....                                                                                 | F                              | 19.06   | 5.69 | 3.55  | 51.06  |
| Starting Baby Chick Mash.....                                                                | G                              | 14.50   | 3.75 | 3.50  | 55.00  |
| 35-9-71.....                                                                                 | F                              | 16.75   | 4.82 | 3.42  | 57.20  |
| Medium Screened Corn Chops.....                                                              | G                              | 9.50    | 3.50 | 2.50  | 68.00  |
| 35-9-72.....                                                                                 | F                              | 9.50    | 3.36 | 1.57  | 72.01  |
| Screened Corn Chops.....                                                                     | G                              | 9.50    | 3.50 | 2.50  | 68.00  |
| 35-9-73.....                                                                                 | F                              | 9.88    | 3.65 | 1.92  | 70.81  |
| <b>H. W. Leighninger, Lathrop, Mo.</b>                                                       |                                |         |      |       |        |
| Leighninger's Laying Mash with Minerals.....                                                 | G                              | 18.00   | 3.50 | 7.50  | 48.00  |
| 35-10-51 <sup>7</sup> .....                                                                  | F                              | 17.88   | 4.41 | 7.43  | 50.24  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| <b>Levasy Elevator Co., Levasy, Mo.</b>                                                   |                                |         |      |              |
| Diamond Special Egg Mash.....                                                             | G                              | 18.00   | 4.00 | 8.00 51.10   |
| 35-2-80.....                                                                              | F                              | 21.13   | 5.34 | 6.24 47.86   |
| Diamond Dairy Feed No. 2.....                                                             | G                              | 12.00   | 3.00 | 12.50 52.00  |
| 35-2-81.....                                                                              | F                              | 12.63   | 3.12 | 10.25 54.07  |
| Screened Corn Chop.....                                                                   | G                              | 9.50    | 3.40 | 3.00 69.50   |
| 35-2-82 <sup>2</sup> .....                                                                | F                              | 9.88    | 6.19 | 1.76 68.51   |
| Diamond Special Egg Mash.....                                                             | G                              | 18.00   | 4.00 | 8.00 50.10   |
| 35-10-196.....                                                                            | F                              | 18.94   | 5.80 | 5.74 51.52   |
| New Missouri Formula All Mash Chick Starter with<br>Meat Scraps and Cod Liver Oil.....    | G                              | 14.50   | 3.00 | 5.00 50.00   |
| 35-10-197 <sup>7</sup> .....                                                              | F                              | 16.56   | 5.25 | 4.16 55.76   |
| Diamond Dairy Feed No. 2.....                                                             | G                              | 12.00   | 3.00 | 12.50 52.00  |
| 35-10-198.....                                                                            | F                              | 12.25   | 2.19 | 9.50 46.82   |
| Screened Corn Chops.....                                                                  | G                              | 9.50    | 3.40 | 3.00 69.50   |
| 35-10-199.....                                                                            | F                              | 9.25    | 4.62 | 1.82 71.71   |
| <b>Liberty Marketing Co., Liberty, Mo.</b>                                                |                                |         |      |              |
| Missouri Formula Laying Mash.....                                                         | G                              | 20.00   | 3.50 | 6.50 44.00   |
| 35-8-168 <sup>11</sup> .....                                                              | F                              | 20.13   | 5.38 | 5.43 48.78   |
| Liberty Wonder Egg Mash.....                                                              | G                              | 20.00   | 4.00 | 7.00 47.00   |
| 35-8-169 <sup>11</sup> .....                                                              | F                              | 25.00   | 6.28 | 4.56 44.01   |
| Liberty Wonder Dairy Feed.....                                                            | G                              | 16.00   | 3.50 | 7.50 55.00   |
| 35-8-170.....                                                                             | F                              | 14.38   | 4.07 | 5.73 56.04   |
| Liberty Wonder Molasses Feed.....                                                         | G                              | 9.50    | 2.00 | 8.50 57.00   |
| 35-8-171 <sup>11</sup> .....                                                              | F                              | 10.70   | 2.33 | 10.00 54.06  |
| Liberty Wonder Starting and Growing Mash.....                                             | G                              | 17.00   | 5.00 | 8.00 50.00   |
| 35-8-172 <sup>11</sup> .....                                                              | F                              | 19.06   | 6.19 | 5.24 52.73   |
| Missouri Formula Laying Mash.....                                                         | G                              | 20.00   | 3.50 | 6.50 44.00   |
| 35-12-50 <sup>11</sup> .....                                                              | F                              | 19.32   | 5.92 | 4.92 52.75   |
| Liberty Wonder Egg Mash.....                                                              | G                              | 20.00   | 4.00 | 7.00 47.00   |
| 35-12-51 <sup>11</sup> .....                                                              | F                              | 24.13   | 6.62 | 4.39 43.43   |
| Liberty Wonder Dairy Feed.....                                                            | G                              | 16.00   | 3.50 | 7.50 55.00   |
| 35-12-52.....                                                                             | F                              | 14.65   | 4.71 | 6.59 57.44   |
| <b>Licking Milling Co., Licking, Mo.</b>                                                  |                                |         |      |              |
| Nu Mix Feed.....                                                                          | G                              | 12.00   | 4.00 | 9.00 55.00   |
| 35-3-97.....                                                                              | F                              | 13.75   | 5.36 | 8.94 58.57   |
| Daisy Egg Mash.....                                                                       | G                              | 19.00   | 3.50 | 7.00 40.00   |
| 35-3-98 <sup>13</sup> .....                                                               | F                              | 20.81   | 6.54 | 5.33 47.48   |
| Wheat Gray Shorts and Ground Wheat Screenings,<br>not to Exceed 8 % or Mill-run.....      | G                              | 14.75   | 4.00 | 5.00 48.00   |
| 35-3-99.....                                                                              | F                              | 15.50   | 5.71 | 4.53 59.64   |
| Wheat Bran and Ground Wheat Screenings, not to<br>Exceed 8 % or Mill-run.....             | G                              | 14.00   | 3.50 | 10.00 48.00  |
| 35-3-100.....                                                                             | F                              | 14.00   | 4.90 | 11.59 52.31  |
| <b>Likins Brothers, Ash Grove, Mo.</b>                                                    |                                |         |      |              |
| Little Red Chick Grower with Buttermilk and Cod<br>Liver Oil.....                         | G                              | 15.45   | 4.43 | 7.79 51.63   |
| 35-8-35 <sup>7</sup> .....                                                                | F                              | 16.75   | 4.99 | 5.51 53.84   |
| Little Red Hen Laying Mash with Buttermilk and<br>Cod Liver Oil.....                      | G                              | 20.00   | 4.25 | 10.00 42.31  |
| 35-8-36 <sup>7</sup> .....                                                                | F                              | 20.22   | 5.52 | 7.74 46.00   |
| Little Red Chick Starter with Buttermilk and Cod<br>Liver Oil.....                        | G                              | 13.05   | 3.50 | 4.54 50.89   |
| 35-8-37 <sup>7</sup> .....                                                                | F                              | 17.13   | 5.61 | 4.17 57.07   |
| Little Red Chick Scratch.....                                                             | G                              | 10.00   | 2.50 | 1.89 57.00   |
| 35-8-38 <sup>7</sup> .....                                                                | F                              | 13.69   | 2.69 | 1.89 68.92   |
| Victory Mixed Feed.....                                                                   | G                              | 11.00   | 3.50 | 13.50 50.00  |
| 35-8-39 <sup>13,20</sup> .....                                                            | F                              | 13.63   | 3.36 | 18.25 41.34  |
| Little Blue Chick Starter with Buttermilk.....                                            | G                              | 13.00   | 3.50 | 6.50 40.00   |
| 35-8-40 <sup>13</sup> .....                                                               | F                              | 16.13   | 4.77 | 4.66 56.24   |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |       |       |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|-------|-------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |       |       |       | N.F.E. |
|                                                                                           | Protein                        | Fat   | Fiber |       |        |
| Little Blue Hen Laying Mash.....                                                          | G 20.00                        | 4.22  | 8.32  | 43.61 |        |
| 35-8-41 <sup>5,9,13,24,25</sup> .....                                                     | F 19.75                        | 5.79  | 8.28  | 44.80 |        |
| Little Red Heifer Dairy Feed.....                                                         | G 17.00                        | 4.02  | 13.02 | 35.06 |        |
| 35-11-51 <sup>4,5</sup> .....                                                             | F 18.38                        | 4.51  | 12.91 | 48.64 |        |
| <b>Lincoln County Farm Bureau Service Co., Troy, Mo.</b>                                  |                                |       |       |       |        |
| Farm Bureau Certified Starting Mash.....                                                  | G 16.00                        | 4.50  | 3.50  | 54.00 |        |
| 35-7-35.....                                                                              | F 17.56                        | 5.31  | 3.64  | 55.76 |        |
| Farm Bureau Certified Growing Mash.....                                                   | G 16.50                        | 4.50  | 4.00  | 49.00 |        |
| 35-7-36 <sup>13</sup> .....                                                               | F 22.19                        | 5.61  | 4.64  | 47.29 |        |
| Farm Bureau Certified Laying Mash.....                                                    | G 18.00                        | 5.00  | 5.00  | 47.00 |        |
| 35-7-37.....                                                                              | F 23.38                        | 6.57  | 4.64  | 46.59 |        |
| Farm Bureau Certified Laying Mash.....                                                    | G 18.00                        | 5.00  | 5.00  | 47.00 |        |
| 35-9-159.....                                                                             | F 21.25                        | 5.48  | 5.14  | 48.58 |        |
| <b>D. M. Lindley Prod. Co., New Cambria, Mo.</b>                                          |                                |       |       |       |        |
| New Deal Laying Mash.....                                                                 | G 18.00                        | 6.00  | 4.69  | 45.00 |        |
| 35-5-104 <sup>13</sup> .....                                                              | F 19.69                        | 5.20  | 6.54  | 46.93 |        |
| New Deal Starting Mash.....                                                               | G 18.00                        | 6.00  | 5.12  | 47.00 |        |
| 35-5-105.....                                                                             | F 22.94                        | 5.52  | 4.70  | 45.84 |        |
| <b>J. B. Lindsay, Tarklo, Mo.</b>                                                         |                                |       |       |       |        |
| Tankage with Bone.....                                                                    | G 54.00                        | 11.00 | 2.00  | 4.00  |        |
| 35-10-24 <sup>9</sup> .....                                                               | F 55.69                        | 24.37 | 1.12  | 0.80  |        |
| <b>Lindsborg Milling and Elev. Co., Lindsborg, Kan.</b>                                   |                                |       |       |       |        |
| Pure Gray Wheat Shorts.....                                                               | G 16.00                        | 3.50  | 6.00  | 55.00 |        |
| 35-1-239 <sup>7</sup> .....                                                               | F 18.81                        | 3.51  | 3.95  | 56.97 |        |
| Wheat Bran and Ground Wheat Screenings, not<br>Exceeding 8 %.....                         | G 14.50                        | 3.50  | 11.00 | 55.00 |        |
| 35-11-252 <sup>7,22</sup> .....                                                           | F 15.63                        | 4.65  | 8.99  | 52.62 |        |
| <b>Linn Roller Mill, Linn, Mo.</b>                                                        |                                |       |       |       |        |
| Wheat Gray Shorts.....                                                                    | G 16.00                        | 4.50  | 6.00  | 64.00 |        |
| 35-5-131.....                                                                             | F 17.44                        | 4.18  | 3.61  | 61.02 |        |
| Pure Wheat Bran.....                                                                      | G 14.00                        | 3.50  | 11.00 | 47.00 |        |
| 35-5-132.....                                                                             | F 16.75                        | 3.75  | 9.85  | 53.50 |        |
| <b>Lipscomb Grain and Seed Co., Springfield, Mo.</b>                                      |                                |       |       |       |        |
| Sunni-South Horse and Mule Feed.....                                                      | G 9.00                         | 2.00  | 15.00 | 50.00 |        |
| 35-2-65.....                                                                              | F 9.19                         | 2.70  | 12.87 | 54.29 |        |
| Sungold Mixed Feed.....                                                                   | G 12.00                        | 3.00  | 16.00 | 45.00 |        |
| 35-7-167.....                                                                             | F 16.06                        | 3.69  | 11.11 | 51.41 |        |
| Economy Mixed Feed.....                                                                   | G 10.00                        | 3.00  | 18.00 | 45.00 |        |
| 35-7-169.....                                                                             | F 13.88                        | 3.98  | 11.18 | 53.79 |        |
| True Blue Egg Mash.....                                                                   | G 18.00                        | 3.50  | 8.00  | 46.00 |        |
| 35-7-170.....                                                                             | F 20.06                        | 4.33  | 6.13  | 51.89 |        |
| Sungold Egg Mash.....                                                                     | G 18.00                        | 4.00  | 8.00  | 45.00 |        |
| 35-7-172.....                                                                             | F 18.63                        | 4.89  | 7.06  | 50.64 |        |
| Economy Mixed Feed (with Molasses).....                                                   | G 10.00                        | 2.50  | 12.00 | 50.00 |        |
| 35-7-173 <sup>7</sup> .....                                                               | F 12.56                        | 2.68  | 10.00 | 51.68 |        |
| Miracle Sweet Feed.....                                                                   | G 9.00                         | 2.30  | 14.00 | 47.00 |        |
| 35-7-174 <sup>7</sup> .....                                                               | F 10.07                        | 2.10  | 12.19 | 51.02 |        |
| Lipscomb's Calf Meal.....                                                                 | G 20.00                        | 3.00  | 5.00  | 50.00 |        |
| 35-7-175 <sup>22</sup> .....                                                              | F 25.19                        | 4.27  | 3.99  | 53.24 |        |
| Lipscomb's Chick Starter.....                                                             | G 19.00                        | 4.00  | 6.00  | 47.00 |        |
| 35-7-176.....                                                                             | F 22.06                        | 4.39  | 5.14  | 48.83 |        |
| Lipscomb's 16 % Dairy Ration.....                                                         | G 16.00                        | 3.00  | 12.00 | 45.00 |        |
| 35-7-177.....                                                                             | F 16.61                        | 3.58  | 12.29 | 46.95 |        |
| Lipscomb's Poultry Fattener.....                                                          | G 14.00                        | 4.50  | 6.00  | 56.00 |        |
| 35-7-179.....                                                                             | F 15.69                        | 4.54  | 3.17  | 60.82 |        |
| Lipscomb's Hen Scratch.....                                                               | G 10.00                        | 2.00  | 5.00  | 60.00 |        |
| 35-7-180.....                                                                             | F 11.50                        | 2.97  | 2.21  | 70.50 |        |
| Lipscomb's All-Mash Chick Starter.....                                                    | G 15.00                        | 3.50  | 5.00  | 50.00 |        |
| 35-7-181.....                                                                             | F 18.44                        | 4.46  | 4.38  | 54.79 |        |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |       |         |       |              |
|-------------------------------------------------------------------------------------------|--------------------------------|-------|---------|-------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) |       | Protein | Fat   | Fiber N.F.E. |
|                                                                                           |                                |       |         |       |              |
| Lipscomb's Intermediate Scratch.....                                                      | G                              | 10.00 | 2.00    | 5.00  | 60.00        |
| 35-7-182.....                                                                             | F                              | 11.50 | 2.84    | 1.92  | 71.25        |
| Sungold Hen Scratch.....                                                                  | G                              | 9.00  | 2.00    | 5.00  | 65.00        |
| 35-7-183.....                                                                             | F                              | 10.13 | 2.91    | 1.86  | 72.14        |
| Sungold Intermediate Scratch.....                                                         | G                              | 9.00  | 2.00    | 5.00  | 65.00        |
| 35-7-184.....                                                                             | F                              | 10.13 | 2.69    | 1.94  | 72.35        |
| Sungold Baby Chick Scratch.....                                                           | G                              | 9.00  | 2.00    | 5.00  | 65.00        |
| 35-7-185.....                                                                             | F                              | 10.94 | 3.05    | 2.00  | 71.46        |
| Lipscomb's Baby Chick Scratch.....                                                        | G                              | 10.00 | 2.00    | 5.00  | 60.00        |
| 35-7-186.....                                                                             | F                              | 12.00 | 3.11    | 1.95  | 70.63        |
| Lipscomb's Egg Mash.....                                                                  | G                              | 20.00 | 4.00    | 6.00  | 47.00        |
| 35-7-187.....                                                                             | F                              | 22.75 | 4.67    | 5.08  | 47.73        |
| Lipscomb's Chick Grower.....                                                              | G                              | 19.00 | 4.00    | 6.00  | 47.00        |
| 35-7-188.....                                                                             | F                              | 25.31 | 4.00    | 3.38  | 71.99        |
| Steel Cut Screened Corn Chops.....                                                        | G                              | 8.00  | 3.00    | 2.00  | 70.00        |
| 35-7-189.....                                                                             | F                              | 10.74 | 3.24    | 1.52  | 71.30        |
| Intermediate Corn Chops.....                                                              | G                              | 8.00  | 3.00    | 2.00  | 73.00        |
| 35-7-190 <sup>7</sup> .....                                                               | F                              | 9.75  | 2.92    | 1.37  | 72.22        |
| Steel Cut Yellow Corn Chops (Pin Head).....                                               | G                              | 8.00  | 3.00    | 2.00  | 70.00        |
| 35-7-191.....                                                                             | F                              | 10.38 | 3.01    | 1.14  | 71.65        |
| Hominy Feed.....                                                                          | G                              | 9.50  | 5.00    | 7.00  | 61.00        |
| 35-7-192.....                                                                             | F                              | 11.25 | 6.21    | 4.54  | 64.53        |
| Yellow Corn Feed Meal.....                                                                | G                              | 8.00  | 3.00    | 4.00  | 61.50        |
| 35-7-193.....                                                                             | F                              | 12.19 | 7.52    | 3.57  | 62.64        |
| Big Ears Horse and Mule Feed.....                                                         | G                              | 9.00  | 2.00    | 15.00 | 50.00        |
| 35-7-195.....                                                                             | F                              | 11.75 | 2.71    | 5.93  | 58.32        |
| Sunni-South Horse and Mule Feed.....                                                      | G                              | 9.00  | 2.00    | 15.00 | 50.00        |
| 35-7-196 <sup>8</sup> .....                                                               | F                              | 10.41 | 2.37    | 11.10 | 49.83        |
| Warhorse Horse and Mule Feed.....                                                         | G                              | 9.00  | 2.00    | 15.00 | 50.00        |
| 35-7-197.....                                                                             | F                              | 9.60  | 1.71    | 12.27 | 54.88        |
| Lipscomb's Hog Fattener.....                                                              | G                              | 15.00 | 3.00    | 6.00  | 50.00        |
| 35-7-198 <sup>22</sup> .....                                                              | F                              | 17.06 | 4.20    | 4.84  | 54.63        |
| Lipscomb's 24 % Dairy Ration.....                                                         | G                              | 24.00 | 3.00    | 10.00 | 40.00        |
| 35-7-199.....                                                                             | F                              | 23.84 | 3.58    | 9.77  | 41.59        |
| Lipscomb's 20 % Dairy Ration.....                                                         | G                              | 20.00 | 3.00    | 12.00 | 43.00        |
| 35-7-200 <sup>22</sup> .....                                                              | F                              | 20.69 | 3.55    | 9.21  | 45.88        |
| Alfalfa Molasses.....                                                                     | G                              | 8.00  | 2.00    | 20.00 | 46.00        |
| 35-7-202 <sup>7</sup> .....                                                               | F                              | 14.07 | 1.53    | 17.05 | 43.50        |
| 41 % Protein Cottonseed Meal.....                                                         | G                              | 41.00 | 5.50    | 10.00 | 25.00        |
| 35-10-126 <sup>4,5,10</sup> .....                                                         | F                              | 41.50 | 5.80    | 11.14 | 27.67        |
| Lipscomb's Poultry Fattener.....                                                          | G                              | 14.00 | 4.50    | 6.00  | 56.00        |
| 35-12-35.....                                                                             | F                              | 15.00 | 4.79    | 3.96  | 61.07        |
| Lipscomb's Chick Starter.....                                                             | G                              | 19.00 | 4.00    | 6.00  | 47.00        |
| 35-12-36.....                                                                             | F                              | 20.38 | 4.35    | 5.28  | 49.93        |
| Economy Mixed Feed.....                                                                   | G                              | 10.00 | 3.00    | 18.00 | 45.00        |
| 35-12-37.....                                                                             | F                              | 12.63 | 3.76    | 15.72 | 51.01        |
| Sungold Egg Mash.....                                                                     | G                              | 18.00 | 4.00    | 8.00  | 45.00        |
| 35-12-38.....                                                                             | F                              | 19.13 | 4.65    | 8.23  | 49.48        |
| Steel Cut Screened Corn Chops.....                                                        | G                              | 8.00  | 3.00    | 2.00  | 70.00        |
| 35-12-41.....                                                                             | F                              | 10.31 | 4.00    | 1.71  | 71.07        |
| Lipscomb's Hen Scratch.....                                                               | G                              | 10.00 | 2.00    | 5.00  | 60.00        |
| 35-12-42.....                                                                             | F                              | 11.88 | 3.82    | 2.22  | 68.71        |
| Lipscomb's Baby Chick Scratch.....                                                        | G                              | 10.00 | 2.00    | 5.00  | 60.00        |
| 35-12-43.....                                                                             | F                              | 11.69 | 5.11    | 1.75  | 70.04        |
| True Blue Egg Mash.....                                                                   | G                              | 18.00 | 3.50    | 8.00  | 46.00        |
| 35-12-44.....                                                                             | F                              | 20.81 | 4.68    | 8.56  | 50.46        |
| Lipscomb's 16 % Dairy Ration.....                                                         | G                              | 16.00 | 3.00    | 12.00 | 45.00        |
| 35-12-45 <sup>8</sup> .....                                                               | F                              | 22.94 | 3.01    | 10.80 | 43.81        |
| Sungold Hen Scratch.....                                                                  | G                              | 9.00  | 2.00    | 5.00  | 65.00        |
| 35-12-46.....                                                                             | F                              | 12.00 | 3.15    | 1.97  | 68.78        |
| Sungold Mixed Feed.....                                                                   | G                              | 12.00 | 3.00    | 16.00 | 45.00        |
| 35-12-47.....                                                                             | F                              | 14.56 | 3.17    | 14.34 | 51.82        |
| Yellow Corn Feed Meal.....                                                                | G                              | 8.00  | 3.00    | 4.00  | 61.50        |
| 35-12-90.....                                                                             | F                              | 11.00 | 6.75    | 3.31  | 67.31        |

| Manufacturer and Address                                                      |   | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------|---|--------------------------------|------|-------|--------|
| Brand Name, Laboratory Number                                                 |   | % Guaranteed (G) and Found (F) |      |       |        |
| "Superior" Figures (see Key)                                                  |   | Protein                        | Fat  | Fiber | N.F.E. |
| Hominy Feed.....                                                              | G | 9.50                           | 5.00 | 7.00  | 61.00  |
| 35-12-91.....                                                                 | F | 10.38                          | 8.20 | 5.06  | 65.24  |
| Lipscomb's Intermediate Scratch.....                                          | G | 10.00                          | 2.00 | 5.00  | 60.00  |
| 35-12-92.....                                                                 | F | 12.31                          | 4.39 | 1.70  | 69.74  |
| Lipscomb's Calf Meal.....                                                     | G | 20.00                          | 3.00 | 5.00  | 50.00  |
| 35-12-93.....                                                                 | F | 23.94                          | 5.38 | 3.69  | 53.20  |
| Lipscomb's Egg Mash.....                                                      | G | 20.00                          | 4.00 | 6.00  | 47.00  |
| 35-12-95.....                                                                 | F | 22.94                          | 6.12 | 6.26  | 44.76  |
| Lipscomb's Chick Grower.....                                                  | G | 19.00                          | 4.00 | 6.00  | 47.00  |
| 35-12-96.....                                                                 | F | 22.25                          | 5.43 | 5.66  | 46.34  |
| Lipscomb's Hog Fattener.....                                                  | G | 15.00                          | 3.00 | 6.00  | 50.00  |
| 35-12-97.....                                                                 | F | 18.00                          | 3.88 | 5.74  | 54.54  |
| Corn Bran.....                                                                | G | 9.00                           | 6.00 | 12.00 | 55.00  |
| 35-12-98.....                                                                 | F | 10.38                          | 7.34 | 4.07  | 66.29  |
| Economy Mixed Feed (with Molasses).....                                       | G | 10.00                          | 2.50 | 12.00 | 50.00  |
| 35-12-99.....                                                                 | F | 13.56                          | 2.83 | 15.59 | 55.48  |
| Big Ears Horse and Mule Feed.....                                             | G | 9.00                           | 2.00 | 15.00 | 50.00  |
| 35-12-100.....                                                                | F | 11.56                          | 2.80 | 13.81 | 58.45  |
| Sunni-South Horse and Mule Feed.....                                          | G | 9.00                           | 2.00 | 15.00 | 50.00  |
| 35-12-101 <sup>8</sup> .....                                                  | F | 13.88                          | 3.04 | 10.90 | 56.14  |
| Warhorse Horse and Mule Feed.....                                             | G | 9.00                           | 2.00 | 15.00 | 50.00  |
| 35-12-102.....                                                                | F | 10.19                          | 2.70 | 13.33 | 54.47  |
| Lipscomb's 24 % Dairy Ration.....                                             | G | 24.00                          | 3.00 | 10.00 | 40.00  |
| 35-12-104.....                                                                | F | 29.94                          | 2.63 | 9.55  | 40.21  |
| Lipscomb's 20 % Dairy Ration.....                                             | G | 20.00                          | 3.00 | 12.00 | 43.00  |
| 35-12-105.....                                                                | F | 23.00                          | 3.35 | 9.08  | 44.03  |
| Miracle Sweet Feed.....                                                       | G | 9.00                           | 2.30 | 14.00 | 47.00  |
| 35-12-106.....                                                                | F | 14.06                          | 1.92 | 13.83 | 57.94  |
| Alfalfa Molasses.....                                                         | G | 8.00                           | 2.00 | 20.00 | 46.00  |
| 35-12-107.....                                                                | F | 9.56                           | 2.44 | 20.55 | 52.25  |
| <b>Lock Bros. Milling Co., Loose Creek, Mo.</b>                               |   |                                |      |       |        |
| Wheat Gray Shorts and Ground Wheat Screenings,<br>not to Exceed Mill-run..... | G | 16.00                          | 4.30 | 6.00  | 58.00  |
| 35-5-147 <sup>9</sup> .....                                                   | F | 16.56                          | 4.30 | 4.33  | 60.75  |
| Wheat Bran and Ground Wheat Screenings, not to<br>Exceed Mill-run.....        | G | 14.60                          | 3.60 | 11.00 | 47.00  |
| 35-5-148.....                                                                 | F | 16.88                          | 3.95 | 10.98 | 52.68  |
| <b>Lockwood Farmers Exchange, Lockwood, Mo.</b>                               |   |                                |      |       |        |
| Biddy's Friend Laying Mash.....                                               | G | 23.44                          | 4.97 | 10.07 | 43.93  |
| 35-9-225 <sup>13</sup> .....                                                  | F | 21.50                          | 4.86 | 7.84  | 46.49  |
| Missouri Baby Chick Formula, First Eight Weeks...                             | G | 14.70                          | 3.42 | 4.75  | 51.35  |
| 35-9-226 <sup>2</sup> .....                                                   | F | 17.31                          | 4.43 | 3.00  | 56.15  |
| Missouri Baby Chick Formula, Second Eight Weeks.                              | G | 18.21                          | 3.41 | 5.60  | 46.10  |
| 35-9-227 <sup>2</sup> .....                                                   | F | 20.06                          | 5.49 | 4.58  | 47.73  |
| Missouri Formula Chick Starter.....                                           | G | 14.50                          | 3.25 | 4.75  | 51.00  |
| 35-9-229 <sup>2</sup> .....                                                   | F | 17.75                          | 5.33 | 3.24  | 55.55  |
| Biddy's Friend Laying Mash.....                                               | G | 23.44                          | 4.97 | 10.07 | 43.93  |
| 35-12-249 <sup>13</sup> .....                                                 | F | 21.63                          | 5.36 | 8.43  | 46.56  |
| Lockwood Mo. M. F. A. Laying Mash.....                                        | G | 18.00                          | 3.76 | 9.00  | 46.00  |
| 35-12-250 <sup>13,18,22,30</sup> .....                                        | F | 21.56                          | 4.51 | 8.09  | 47.31  |
| <b>Lockwood Milling Co., Lockwood, Mo.</b>                                    |   |                                |      |       |        |
| Farm Relief Laying Mash.....                                                  | G | 19.00                          | 6.00 | 5.00  | 46.00  |
| 35-9-228 <sup>7</sup> .....                                                   | F | 17.25                          | 5.07 | 4.24  | 51.92  |
| <b>Lohman Milling Corp., Lohman, Mo.</b>                                      |   |                                |      |       |        |
| Wheat Bran.....                                                               | G | 16.44                          | 3.61 | 10.19 | 57.07  |
| 35-5-94.....                                                                  | F | 15.81                          | 4.49 | 9.67  | 53.32  |
| Wheat White Shorts.....                                                       | G | 14.75                          | 2.93 | 2.39  | 70.91  |
| 35-5-95.....                                                                  | F | 14.88                          | 3.17 | 2.38  | 65.23  |
| Corn Bran.....                                                                | G | 10.00                          | 7.00 | 8.00  | 55.00  |
| 35-5-96.....                                                                  | F | 9.19                           | 5.67 | 14.11 | 57.65  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)     | Chemical Analyses              |         |       |              |
|-----------------------------------------------------------------------------------------------|--------------------------------|---------|-------|--------------|
|                                                                                               | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N.F.E. |
| <b>Louisiana Milling Co., Louisiana, Mo.</b>                                                  |                                |         |       |              |
| Soft Winter Wheat Flour Middlings.....                                                        | G                              | 15.00   | 4.00  | 5.00 53.00   |
| 35-7-28 <sup>3</sup> .....                                                                    | F                              | 17.31   | 4.16  | 5.50 58.48   |
| <b>L. B. Lovitt and Co., Memphis, Tenn.</b>                                                   |                                |         |       |              |
| Lovit Brand 41 % Protein Cottonseed Meal—Prime Quality.....                                   | G                              | 41.00   | 5.00  | 13.00 26.00  |
| 35-1-222.....                                                                                 | F                              | 40.81   | 5.48  | 11.95 27.58  |
| Lovit Brand 41 % Protein Cottonseed Meal, Prime Quality.....                                  | G                              | 41.00   | 5.00  | 13.00 25.00  |
| 35-7-95.....                                                                                  | F                              | 41.06   | 10.64 | 11.11 23.47  |
| Lovit Bran 41 % Protein Cottonseed Meal.....                                                  | G                              | 41.00   | 5.00  | 13.00 25.00  |
| 35-12-124.....                                                                                | F                              | 41.69   | 5.80  | 12.52 16.37  |
| <b>Lukens Milling Co., Atchison, Kan.</b>                                                     |                                |         |       |              |
| Wheat Gray Shorts.....                                                                        | G                              | 16.00   | 4.00  | 6.00 55.00   |
| 35-12-58 <sup>4,5</sup> .....                                                                 | F                              | 17.81   | 5.11  | 5.41 55.49   |
| <b>Lutesville Ice, Fuel and Feed Co., Lutesville, Mo.</b>                                     |                                |         |       |              |
| Superior Growing Mash.....                                                                    | G                              | 16.00   | 4.50  | 6.00 50.00   |
| 35-6-130.....                                                                                 | F                              | 16.88   | 4.84  | 3.85 56.29   |
| Superior 18 % Laying Mash.....                                                                | G                              | 18.00   | 4.50  | 6.00 50.00   |
| 35-6-131.....                                                                                 | F                              | 21.81   | 5.17  | 4.72 49.16   |
| Superior Starting Mash.....                                                                   | G                              | 17.00   | 4.50  | 5.50 45.00   |
| 35-6-132.....                                                                                 | F                              | 17.00   | 5.04  | 4.03 55.74   |
| <b>McCarthy Hatchery, St. Joseph, Mo.</b>                                                     |                                |         |       |              |
| Master Brand Egg Mash.....                                                                    | G                              | 20.00   | 6.25  | 5.50 48.00   |
| 35-10-36 <sup>3</sup> .....                                                                   | F                              | 21.75   | 6.66  | 4.70 49.15   |
| <b>McCaskill and Son, Houston, Mo.</b>                                                        |                                |         |       |              |
| Ozark Special Lay Mash.....                                                                   | G                              | 18.00   | 4.50  | 5.00 55.00   |
| 35-3-110 <sup>13</sup> .....                                                                  | F                              | 18.75   | 6.25  | 6.86 51.44   |
| Ozark Special Mixed Feed.....                                                                 | G                              | 12.00   | 4.00  | 6.00 54.00   |
| 35-3-111 <sup>9,13,18</sup> .....                                                             | F                              | 14.81   | 4.14  | 7.23 59.55   |
| <b>McConnell Produce Co., Appleton City, Mo.</b>                                              |                                |         |       |              |
| Growing Mash—McConnell's Missouri Formula.....                                                | G                              | 17.00   | 4.00  | 7.00 46.00   |
| 35-11-108.....                                                                                | F                              | 17.79   | 4.50  | 5.25 52.70   |
| McConnell's Missouri Formula Laying Mash.....                                                 | G                              | 20.00   | 4.20  | 6.00 45.00   |
| 35-11-109.....                                                                                | F                              | 20.38   | 5.42  | 7.07 48.88   |
| <b>S. W. McCracken Mill and Elev., Flemington, Mo.</b>                                        |                                |         |       |              |
| 5-in-1 Laying Mash.....                                                                       | G                              | 23.00   | 4.00  | 5.00 48.00   |
| 35-11-34.....                                                                                 | F                              | 21.69   | 5.29  | 5.35 47.34   |
| 6-in-1 Dairy Feed.....                                                                        | G                              | 18.00   | 4.00  | 8.00 55.00   |
| 35-11-35.....                                                                                 | F                              | 19.56   | 4.98  | 3.21 56.64   |
| 6-in-1 Growing Mash.....                                                                      | G                              | 20.00   | 5.00  | 4.50 47.00   |
| 35-11-36.....                                                                                 | F                              | 20.19   | 5.31  | 4.95 48.32   |
| <b>McDaniel Milling Co., Carthage, Mo.</b>                                                    |                                |         |       |              |
| Dixie Doe Hominy Feed.....                                                                    | G                              | 10.00   | 7.00  | 7.00 60.00   |
| 35-7-246.....                                                                                 | F                              | 11.13   | 7.41  | 5.66 61.42   |
| Dixie Doe Wheat Bran and Ground Mill-run Wheat Screenings, not Exceeding 8 %.....             | G                              | 15.50   | 3.50  | 10.00 55.00  |
| 35-7-247.....                                                                                 | F                              | 18.50   | 4.76  | 9.29 54.86   |
| Dixie Doe Gray Wheat Shorts and Ground Wheat Screenings, not Exceeding 8 %.....               | G                              | 16.00   | 4.00  | 6.00 55.00   |
| 35-7-248 <sup>22</sup> .....                                                                  | F                              | 18.44   | 4.34  | 5.40 55.72   |
| Dixie Doe Soft Winter Wheat Bran and Ground Mill-run Wheat Screenings, not Exceeding 8 %..... | G                              | 14.00   | 3.50  | 9.00 55.00   |
| 35-7-249 <sup>22</sup> .....                                                                  | F                              | 16.50   | 4.44  | 8.59 52.03   |
| Globe Mixed Feed with Ground Wheat Screenings, not Exceeding 8 %.....                         | G                              | 14.50   | 3.50  | 8.50 52.00   |
| 35-7-250 <sup>4,5,9,22</sup> .....                                                            | F                              | 15.94   | 4.64  | 6.38 56.17   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |        |       |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------|-------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |        |       |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E. |       |
| Cracked Corn.....                                                                         | G                 | 9.00           | 3.00          | 3.00   | 65.00 |
| 35-7-251.....                                                                             | F                 | 9.25           | 2.23          | 2.08   | 68.12 |
| Cracked Corn (Medium).....                                                                | G                 | 9.00           | 3.00          | 3.00   | 65.00 |
| 35-7-252.....                                                                             | F                 | 8.96           | 2.31          | 1.01   | 71.57 |
| Fine Cracked Corn.....                                                                    | G                 | 9.00           | 3.00          | 3.00   | 65.00 |
| 35-8-1.....                                                                               | F                 | 9.25           | 2.20          | 0.75   | 67.83 |
| Dixie Doe Gray Wheat Shorts and Ground Wheat Screenings, not Exceeding 8 %.....           | G                 | 16.00          | 4.00          | 6.00   | 55.00 |
| 35-11-153.....                                                                            | F                 | 17.81          | 5.17          | 5.35   | 57.60 |
| Globe Wheat Mixed Feed and Ground Wheat Screenings, not Exceeding 8 %.....                | G                 | 14.50          | 3.50          | 8.50   | 52.00 |
| 35-11-154.....                                                                            | F                 | 15.44          | 4.86          | 7.35   | 58.04 |
| <b>C. M. McWilliams, Jackson, Mo.</b>                                                     |                   |                |               |        |       |
| Hi-Pro (High Protein) Laying Mash.....                                                    | G                 | 20.00          | 4.00          | 8.00   | 50.00 |
| 35-2-197.....                                                                             | F                 | 20.13          | 5.17          | 6.31   | 47.36 |
| M. Q. Dairy Feed.....                                                                     | G                 | 17.50          | 4.00          | 9.80   | 55.00 |
| 35-2-198 <sup>9</sup> .....                                                               | F                 | 13.75          | 5.34          | 9.14   | 53.14 |
| <b>A. G. Madison, Purdy, Mo.</b>                                                          |                   |                |               |        |       |
| Laying Mash.....                                                                          | G                 | 19.80          | 6.00          | 4.90   | 47.00 |
| 35-3-18 <sup>9,13,18</sup> .....                                                          | F                 | 19.69          | 9.75          | 5.41   | 47.25 |
| <b>Majestic Flour Mill, Aurora, Mo.</b>                                                   |                   |                |               |        |       |
| Wheat Gray Shorts with Ground Wheat Screenings, not Exceeding 8 %.....                    | G                 | 16.00          | 3.50          | 6.00   | 55.00 |
| 35-2-67 <sup>4,5</sup> .....                                                              | F                 | 17.13          | 4.50          | 6.72   | 55.50 |
| Wheat Bran and Ground Wheat Screenings, not Exceeding 8 %.....                            | G                 | 14.00          | 3.75          | 11.00  | 50.00 |
| 35-2-142 <sup>4,5,9,22</sup> .....                                                        | F                 | 19.19          | 4.58          | 8.74   | 50.18 |
| Wheat Bran.....                                                                           | G                 | 14.00          | 3.50          | 11.00  | 50.00 |
| 35-6-112 <sup>4,5</sup> .....                                                             | F                 | 16.13          | 2.25          | 8.29   | 54.27 |
| Wheat Gray Shorts and Ground Wheat Screenings, not exceeding 8 %.....                     | G                 | 16.00          | 3.50          | 5.50   | 52.00 |
| 35-6-113 <sup>4,5</sup> .....                                                             | F                 | 16.06          | 4.09          | 6.30   | 57.39 |
| Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding 8 %.....                     | G                 | 16.00          | 3.50          | 5.50   | 52.00 |
| 35-6-182 <sup>4,5</sup> .....                                                             | F                 | 16.44          | 4.38          | 6.23   | 57.48 |
| Wheat Bran.....                                                                           | G                 | 14.00          | 3.50          | 11.00  | 50.00 |
| 35-6-182 <sup>4,5</sup> .....                                                             | F                 | 15.13          | 4.25          | 10.09  | 55.22 |
| Wheat Gray Shorts and Ground Wheat Screenings, not to Exceed 8 %.....                     | G                 | 16.00          | 3.50          | 5.50   | 52.00 |
| 35-8-29 <sup>4,5</sup> .....                                                              | F                 | 15.69          | 4.23          | 6.85   | 56.41 |
| Wheat Bran.....                                                                           | G                 | 14.00          | 3.50          | 11.00  | 50.00 |
| 35-8-30 <sup>4,5</sup> .....                                                              | F                 | 16.00          | 4.75          | 10.57  | 50.50 |
| Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run.....                | G                 | 15.00          | 3.00          | 8.20   | 51.00 |
| 35-8-31 <sup>4,5</sup> .....                                                              | F                 | 15.38          | 4.96          | 6.44   | 55.83 |
| Wheat Bran.....                                                                           | G                 | 14.00          | 3.50          | 11.00  | 50.00 |
| 35-12-155 <sup>4,5</sup> .....                                                            | F                 | 14.00          | 4.54          | 11.68  | 51.27 |
| Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding 8 %.....                     | G                 | 16.00          | 3.50          | 5.50   | 52.00 |
| 35-12-156 <sup>4,5</sup> .....                                                            | F                 | 14.75          | 4.25          | 7.59   | 58.51 |
| <b>Mancy Milling Co., Omaha, Neb.</b>                                                     |                   |                |               |        |       |
| Gray Wheat Shorts.....                                                                    | G                 | 16.00          | 3.50          | 6.00   | 55.00 |
| 35-7-154.....                                                                             | F                 | 17.44          | 4.35          | 4.60   | 58.20 |
| Wheat Bran with Ground Screenings, not Exceeding Mill-run.....                            | G                 | 14.50          | 3.50          | 11.00  | 50.00 |
| 35-8-173.....                                                                             | F                 | 17.75          | 4.34          | 9.68   | 50.01 |
| <b>Marquand Milling Co., Marquand, Mo.</b>                                                |                   |                |               |        |       |
| Mill-run Wheat Feed and Ground Wheat Screenings, not Exceeding Mill-run.....              | G                 | 14.50          | 2.99          | 5.15   | 60.00 |
| 35-6-178 <sup>2</sup> .....                                                               | F                 | 14.50          | 4.31          | 6.57   | 59.97 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |  |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|--|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |  |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |  |
| <b>Marshfield Milling Co., Marshfield, Mo.</b>                                            |                                |      |       |        |  |
| Foster's Extra Quality Laying Mash.....                                                   | G 18.00                        | 4.00 | 5.00  | 51.50  |  |
| 35-10-135.....                                                                            | F 19.63                        | 4.67 | 4.99  | 49.45  |  |
| Big Boy Mixed Feed.....                                                                   | G 11.00                        | 3.00 | 18.00 | 48.00  |  |
| 35-10-136.....                                                                            | F 10.19                        | 3.53 | 15.90 | 47.66  |  |
| <b>Homer May, Bolivar, Mo.</b>                                                            |                                |      |       |        |  |
| H-M Egg Mash.....                                                                         | G 16.50                        | 3.50 | 6.50  | 52.00  |  |
| 35-9-216 <sup>2</sup> .....                                                               | F 18.63                        | 4.11 | 5.34  | 52.42  |  |
| H-M Growing Mash.....                                                                     | G 12.00                        | 3.50 | 6.00  | 60.00  |  |
| 35-9-217 <sup>2</sup> .....                                                               | F 14.31                        | 5.05 | 4.95  | 56.81  |  |
| H-M Starting Mash.....                                                                    | G 13.00                        | 3.60 | 5.60  | 65.00  |  |
| 35-9-218 <sup>2</sup> .....                                                               | F 14.75                        | 5.73 | 3.93  | 57.71  |  |
| <b>May's Cash Feed Co., Centrella, Mo.</b>                                                |                                |      |       |        |  |
| May's Egg Mash with Manamar.....                                                          | G 18.00                        | 4.00 | 7.00  | 52.00  |  |
| 35-2-10.....                                                                              | F 19.13                        | 4.99 | 6.14  | 49.16  |  |
| May's Special Laying Mash.....                                                            | G 17.00                        | 3.00 | 11.00 | 50.00  |  |
| 35-2-11 <sup>18</sup> .....                                                               | F 19.31                        | 4.29 | 7.67  | 49.35  |  |
| Sunrise Dairy Feed.....                                                                   | G 17.00                        | 3.00 | 12.00 | 40.00  |  |
| 35-2-12 <sup>9,18</sup> .....                                                             | F 17.13                        | 4.19 | 8.99  | 52.45  |  |
| Sunrise Hog Feed.....                                                                     | G 20.00                        | 4.00 | 10.00 | 45.00  |  |
| 35-2-13 <sup>18</sup> .....                                                               | F 21.50                        | 4.19 | 7.80  | 48.97  |  |
| May's Special Laying Mash.....                                                            | G 17.00                        | 3.00 | 10.00 | 48.00  |  |
| 35-11-82 <sup>8,18</sup> .....                                                            | F 18.00                        | 4.15 | 7.76  | 50.39  |  |
| May's Chick Grower with Manamar.....                                                      | G 17.00                        | 4.00 | 8.00  | 50.00  |  |
| 35-11-83 <sup>18</sup> .....                                                              | F 18.56                        | 4.31 | 6.35  | 52.38  |  |
| <b>May Grain Co., Independence, Mo.</b>                                                   |                                |      |       |        |  |
| Mermaid Egg Concentrate.....                                                              | G 37.00                        | 8.00 | 5.00  | 15.00  |  |
| 35-1-150 <sup>8</sup> .....                                                               | F 37.63                        | 8.05 | 7.63  | 15.72  |  |
| Blue Ribbon Growing Mash with Buttermilk and Cod<br>Liver Oil.....                        | G 15.00                        | 4.50 | 5.50  | 55.00  |  |
| 35-9-31.....                                                                              | F 17.56                        | 4.78 | 5.10  | 54.62  |  |
| Missouri Formula Laying Mash.....                                                         | G 19.00                        | 3.50 | 7.00  | 43.00  |  |
| 35-9-32.....                                                                              | F 20.88                        | 5.34 | 4.75  | 49.50  |  |
| Missouri Formula Growing Mash.....                                                        | G 17.00                        | 3.50 | 6.50  | 46.00  |  |
| 35-9-33 <sup>33</sup> .....                                                               | F 18.00                        | 4.41 | 4.59  | 51.29  |  |
| Missouri Formula All-Mash Chick Starter.....                                              | G 13.00                        | 3.50 | 5.00  | 53.00  |  |
| 35-9-34.....                                                                              | F 17.63                        | 5.10 | 3.14  | 55.69  |  |
| Mermaid Chick Concentrate.....                                                            | G 35.00                        | 5.50 | 7.00  | 22.00  |  |
| 35-9-35 <sup>9</sup> .....                                                                | F 37.00                        | 5.87 | 5.82  | 22.70  |  |
| Blue Ribbon Chick Mash with Dried Buttermilk....                                          | G 15.00                        | 4.00 | 5.50  | 53.00  |  |
| 35-9-36.....                                                                              | F 15.69                        | 5.87 | 5.39  | 58.05  |  |
| Mermaid Chick Mash.....                                                                   | G 18.00                        | 4.00 | 6.50  | 50.00  |  |
| 35-9-37.....                                                                              | F 19.88                        | 4.57 | 4.99  | 52.05  |  |
| Mermaid Growing Mash.....                                                                 | G 16.00                        | 3.00 | 7.00  | 48.00  |  |
| 35-9-38.....                                                                              | F 18.63                        | 4.51 | 5.81  | 52.57  |  |
| May's Formula 6 Lay Mash.....                                                             | G 17.00                        | 3.00 | 8.00  | 42.00  |  |
| 35-9-39.....                                                                              | F 17.13                        | 4.48 | 5.66  | 51.25  |  |
| Mermaid Egg Mash.....                                                                     | G 18.00                        | 4.00 | 7.00  | 50.00  |  |
| 35-9-40.....                                                                              | F 19.94                        | 4.47 | 6.56  | 47.60  |  |
| Mermaid Broiler Mash.....                                                                 | G 18.00                        | 4.00 | 6.00  | 50.00  |  |
| 35-9-41.....                                                                              | F 19.81                        | 6.33 | 5.99  | 46.92  |  |
| Mermaid Egg Concentrate.....                                                              | G 37.00                        | 8.00 | 5.00  | 15.00  |  |
| 35-9-42.....                                                                              | F 37.63                        | 7.43 | 6.84  | 13.89  |  |
| Mermaid Turkey Starter.....                                                               | G 20.00                        | 4.00 | 7.00  | 42.00  |  |
| 35-9-43.....                                                                              | F 22.50                        | 6.15 | 5.15  | 47.34  |  |
| Mermaid Turkey Starter Concentrate.....                                                   | G 35.00                        | 3.75 | 7.00  | 19.00  |  |
| 35-9-44.....                                                                              | F 38.63                        | 8.57 | 4.22  | 32.40  |  |
| <b>Maysville Cooperative Assn., Maysville, Mo.</b>                                        |                                |      |       |        |  |
| Coop Laying Mash.....                                                                     | G 18.00                        | 3.50 | 10.00 | 40.00  |  |
| 35-10-54.....                                                                             | F 20.38                        | 4.59 | 7.44  | 48.80  |  |
| Coop Dairy Feed.....                                                                      | G 16.00                        | 3.50 | 12.00 | 45.00  |  |
| 35-10-55 <sup>8,20</sup> .....                                                            | F 17.81                        | 3.52 | 7.73  | 52.58  |  |



| Manufacturer and Address                                                                    |  | Chemical Analyses |                |               |              |
|---------------------------------------------------------------------------------------------|--|-------------------|----------------|---------------|--------------|
| Brand Name, Laboratory Number                                                               |  | %                 | Guaranteed (G) | and Found (F) |              |
| "Superior" Figures.(see Key)                                                                |  |                   | Protein        | Fat           | Fiber N.F.E. |
| <b>Memphis Packing Corp., Memphis, Tenn.</b>                                                |  |                   |                |               |              |
| Quality Brand Meat and Bone Meal (now Meat and Bone Scraps).....                            |  | G                 | 50.00          | 2.00          | 5.00         |
| 35-1-55 <sup>9</sup> .....                                                                  |  | F                 | 48.44          | 14.46         | 1.60         |
| <b>Merkel Bros. and Co., Bourbon, Mo.</b>                                                   |  |                   |                |               |              |
| Wheat Mixed Feed.....                                                                       |  | G                 | 14.40          | 3.60          | 6.90         |
| 35-8-232 <sup>18</sup> .....                                                                |  | F                 | 15.75          | 4.20          | 6.48         |
| Merkel's Egg Maker.....                                                                     |  | G                 | 17.75          | 4.15          | 10.18        |
| 35-8-233 <sup>4,5,13,14,16</sup> .....                                                      |  | F                 | 19.06          | 5.05          | 8.25         |
| Pure Soft Wheat Bran.....                                                                   |  | G                 | 16.40          | 4.00          | 9.92         |
| 35-8-234 <sup>18</sup> .....                                                                |  | F                 | 15.38          | 4.69          | 10.46        |
| <b>The Meyer-Blair Milling Co., Springfield, Mo.</b>                                        |  |                   |                |               |              |
| Model Wheat Gray Shorts with Ground Wheat Screenings, not Exceeding Mill-run or 8 %.....    |  | G                 | 16.00          | 4.00          | 6.00         |
| 35-1-198.....                                                                               |  | F                 | 18.19          | 4.71          | 5.32         |
| <b>Meyer-Morfeld Milling Co., Bonnots Mill, Mo.</b>                                         |  |                   |                |               |              |
| Manamar Laying Mash.....                                                                    |  | G                 | 17.00          | 4.50          | 7.50         |
| 35-5-126 <sup>18</sup> .....                                                                |  | F                 | 19.69          | 4.74          | 6.49         |
| M. M. M. Scratch Feed.....                                                                  |  | G                 | 10.00          | 3.00          | 4.00         |
| 35-5-127 <sup>18</sup> .....                                                                |  | F                 | 11.13          | 5.30          | 2.45         |
| M. M. M. Chick Starter.....                                                                 |  | G                 | 16.00          | 3.75          | 5.00         |
| 35-5-128 <sup>18</sup> .....                                                                |  | F                 | 18.06          | 5.68          | 3.46         |
| Gray Wheat Shorts.....                                                                      |  | G                 | 16.75          | 3.75          | 4.00         |
| 35-5-129 <sup>18</sup> .....                                                                |  | F                 | 18.00          | 4.82          | 4.66         |
| Wheat Bran and Ground Wheat Screenings, not Exceeding Mill-run.....                         |  | G                 | 14.50          | 2.50          | 11.00        |
| 35-5-130 <sup>18,22</sup> .....                                                             |  | F                 | 16.25          | 4.13          | 8.00         |
| <b>Middleton and Son, Bowling Green, Mo.</b>                                                |  |                   |                |               |              |
| Middleton's Special Laying Mash.....                                                        |  | G                 | 17.00          | 4.00          | 7.00         |
| 35-7-27 <sup>2</sup> .....                                                                  |  | F                 | 19.50          | 4.65          | 6.89         |
| <b>Midland Flour Milling Co., Kansas City, Mo.</b>                                          |  |                   |                |               |              |
| Town Crier Flour Middlings (Gray Shorts) with Ground Wheat Screenings, not Exceeding 8 %... |  | G                 | 16.00          | 3.75          | 5.50         |
| 35-1-18 <sup>22</sup> .....                                                                 |  | F                 | 17.44          | 3.95          | 5.13         |
| Town Crier Wheat Total Middlings with Ground Wheat Screenings, not Exceeding 8 %.....       |  | G                 | 16.00          | 3.50          | 8.00         |
| 35-3-234.....                                                                               |  | F                 | 19.21          | 4.55          | 5.78         |
| Town Crier Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding 8 %.....            |  | G                 | 16.00          | 3.50          | 9.00         |
| 35-3-235 <sup>13</sup> .....                                                                |  | F                 | 17.46          | 4.36          | 6.43         |
| Town Crier Pure Wheat Bran.....                                                             |  | G                 | 16.00          | 3.50          | 10.00        |
| 35-3-236.....                                                                               |  | F                 | 17.09          | 4.97          | 9.95         |
| Town Crier Flour Middlings (Gray Shorts) with Ground Wheat Screenings, not Exceeding 8 %... |  | G                 | 16.00          | 3.75          | 5.50         |
| 35-3-241 <sup>22</sup> .....                                                                |  | F                 | 18.34          | 3.83          | 5.30         |
| Town Crier Pure Wheat Bran.....                                                             |  | G                 | 16.00          | 3.50          | 10.00        |
| 35-4-48.....                                                                                |  | F                 | 17.69          | 3.97          | 9.45         |
| Town Crier Flour Middlings (Gray Shorts) with Ground Wheat Screenings, not Exceeding 8 %... |  | G                 | 16.00          | 3.75          | 5.50         |
| 35-7-163.....                                                                               |  | F                 | 18.50          | 3.93          | 5.26         |
| Town Crier Little Pig Middlings—Pure Wheat White Middlings.....                             |  | G                 | 16.50          | 4.00          | 3.50         |
| 35-8-188.....                                                                               |  | F                 | 18.44          | 4.02          | 3.46         |
| Town Crier Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding 8 %.....            |  | G                 | 16.00          | 3.50          | 9.00         |
| 35-8-189 <sup>13,22</sup> .....                                                             |  | F                 | 16.75          | 4.81          | 7.49         |
| Town Crier Flour Middlings (Gray Shorts) with Ground Wheat Screenings, not Exceeding 8 %... |  | G                 | 16.00          | 3.75          | 5.50         |
| 35-10-41.....                                                                               |  | F                 | 17.69          | 4.40          | 6.31         |
| Town Crier Pure Wheat Bran.....                                                             |  | G                 | 16.00          | 3.50          | 10.00        |
| 35-10-42.....                                                                               |  | F                 | 17.19          | 3.99          | 9.81         |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses<br>% Guaranteed (G) and Found (F) |      |       |        |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------|------|-------|--------|--|
|                                                                                           | Protein                                             | Fat  | Fiber | N.F.E. |  |
| <b>J. P. Milbank, Chillicothe, Mo.</b>                                                    |                                                     |      |       |        |  |
| Diamond 15 % Dairy Ration.....                                                            | G 15.00                                             | 4.00 | 11.00 | 48.00  |  |
| 35-8-133 <sup>20</sup> .....                                                              | F 13.56                                             | 5.04 | 7.70  | 55.45  |  |
| Missouri Formula Laying Mash.....                                                         | G 20.00                                             | 5.00 | 6.00  | 44.00  |  |
| 35-8-134 <sup>7,18</sup> .....                                                            | F 20.00                                             | 4.66 | 4.63  | 50.36  |  |
| Missouri Formula All-Mash Chick Starter.....                                              | G 14.50                                             | 3.00 | 5.00  | 50.00  |  |
| 35-8-135 <sup>7,18</sup> .....                                                            | F 15.88                                             | 5.08 | 3.09  | 57.42  |  |
| Diamond Laying Mash.....                                                                  | G 20.00                                             | 4.00 | 6.50  | 45.00  |  |
| 35-8-136.....                                                                             | F 20.88                                             | 4.73 | 5.78  | 45.91  |  |
| Diamond Chick Starter.....                                                                | G 17.50                                             | 4.00 | 4.00  | 54.00  |  |
| 35-8-137.....                                                                             | F 18.63                                             | 4.65 | 4.24  | 52.45  |  |
| Economy Laying Mash.....                                                                  | G 17.00                                             | 4.00 | 7.00  | 50.00  |  |
| 35-8-138.....                                                                             | F 17.88                                             | 4.40 | 7.00  | 45.75  |  |
| <b>Milbank-Scampton Milling Co., Moberly, Mo.</b>                                         |                                                     |      |       |        |  |
| Economy Laying Mash.....                                                                  | G 17.00                                             | 4.00 | 7.00  | 45.00  |  |
| 35-2-4 <sup>8,9,14</sup> .....                                                            | F 18.44                                             | 5.93 | 6.00  | 51.01  |  |
| Missouri Laying Mash.....                                                                 | G 20.00                                             | 3.50 | 5.50  | 45.00  |  |
| 35-2-5.....                                                                               | F 23.69                                             | 5.50 | 5.22  | 45.00  |  |
| Missouri Laying Mash.....                                                                 | G 20.00                                             | 3.50 | 5.50  | 45.00  |  |
| 35-10-183 <sup>13</sup> .....                                                             | F 22.63                                             | 5.46 | 4.97  | 47.09  |  |
| Economy Growing Mash.....                                                                 | G 17.00                                             | 5.00 | 4.50  | 48.00  |  |
| 35-10-184 <sup>4,13,16,33</sup> .....                                                     | F 16.88                                             | 4.27 | 4.76  | 56.78  |  |
| Economy Laying Mash.....                                                                  | G 17.00                                             | 4.00 | 7.00  | 45.00  |  |
| 35-10-185 <sup>4,13,14,16</sup> .....                                                     | F 19.44                                             | 5.76 | 5.15  | 50.56  |  |
| Economy Chick Starter.....                                                                | G 16.00                                             | 3.50 | 4.50  | 47.00  |  |
| 35-10-186 <sup>4,13,14,16,33</sup> .....                                                  | F 17.50                                             | 5.09 | 5.51  | 53.38  |  |
| <b>Miller Cereal Mills, Omaha, Neb.</b>                                                   |                                                     |      |       |        |  |
| Hominy Feed.....                                                                          | G 10.00                                             | 6.00 | 5.00  | 60.50  |  |
| 35-11-216 <sup>3,7,18</sup> .....                                                         | F 12.00                                             | 7.29 | 4.34  | 64.49  |  |
| <b>Miller Milling Co., Miller, Mo.</b>                                                    |                                                     |      |       |        |  |
| Hood's Mixed Feed.....                                                                    | G 10.00                                             | 3.00 | 11.00 | 58.00  |  |
| 35-8-44.....                                                                              | F 11.06                                             | 3.27 | 16.82 | 51.01  |  |
| Hood's Special Mixed Feed.....                                                            | G 10.89                                             | 2.78 | 11.96 | 57.31  |  |
| 35-8-45 <sup>4,5</sup> .....                                                              | F 13.60                                             | 3.21 | 11.30 | 54.39  |  |
| Hood's Special Chick Starter Mash.....                                                    | G 15.97                                             | 3.81 | 4.81  | 57.63  |  |
| 35-8-46 <sup>4,5,11,13</sup> .....                                                        | F 17.44                                             | 4.28 | 4.86  | 56.20  |  |
| Hood's Special Growing Mash.....                                                          | G 16.67                                             | 4.56 | 5.98  | 55.50  |  |
| 35-8-47 <sup>4,5,13</sup> .....                                                           | F 15.63                                             | 4.03 | 4.38  | 59.31  |  |
| Hood's Special Egg Mash.....                                                              | G 17.06                                             | 4.61 | 8.05  | 50.82  |  |
| 35-8-48 <sup>4,5,13</sup> .....                                                           | F 18.19                                             | 3.56 | 8.45  | 50.56  |  |
| Steel Cut Corn Chops.....                                                                 | G 9.00                                              | 3.00 | 4.81  | 57.63  |  |
| 35-8-49 <sup>4,5</sup> .....                                                              | F 9.56                                              | 5.16 | 2.23  | 70.49  |  |
| Corn Feed Meal.....                                                                       | G 9.00                                              | 3.00 | 3.50  | 69.50  |  |
| 35-8-50 <sup>4,5</sup> .....                                                              | F 8.31                                              | 3.76 | 1.70  | 71.67  |  |
| Steel Cut Corn Chops (Medium).....                                                        | G 9.00                                              | 3.00 | 3.00  | 70.00  |  |
| 35-8-51 <sup>4,5</sup> .....                                                              | F 8.94                                              | 3.45 | 1.70  | 72.14  |  |
| Steel Cut Corn Chops (Pin Head).....                                                      | G 9.00                                              | 3.00 | 3.00  | 70.00  |  |
| 35-8-52 <sup>4,5</sup> .....                                                              | F 9.69                                              | 4.65 | 1.78  | 70.53  |  |
| <b>Millstadt Milling Co., Millstadt, Ill.</b>                                             |                                                     |      |       |        |  |
| Palace Corn Bran.....                                                                     | G 9.00                                              | 9.00 | 12.00 | 50.00  |  |
| 35-6-27.....                                                                              | F 9.69                                              | 7.08 | 10.12 | 59.54  |  |
| <b>Minnesota Linseed Oil Co., Minneapolis, Minn.</b>                                      |                                                     |      |       |        |  |
| 37 % Protein Pure Old Process Linseed Meal.....                                           | G 37.00                                             | 4.50 | 9.00  | 32.00  |  |
| 35-1-26.....                                                                              | F 38.94                                             | 5.66 | 7.66  | 33.21  |  |
| 37 % Protein Pure Old Process Linseed Meal.....                                           | G 37.00                                             | 4.50 | 9.00  | 32.00  |  |
| 35-2-19.....                                                                              | F 41.25                                             | 5.30 | 6.54  | 32.14  |  |
| 37 % Protein Pure Old Process Linseed Meal.....                                           | G 37.00                                             | 4.50 | 9.00  | 32.00  |  |
| 35-8-77.....                                                                              | F 39.25                                             | 6.33 | 8.20  | 31.35  |  |
| 37 % Protein Pure Old Process Linseed Meal.....                                           | G 37.00                                             | 4.50 | 9.00  | 32.00  |  |
| 35-10-75.....                                                                             | F 40.69                                             | 4.60 | 7.25  | 32.99  |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |         |                  |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|------------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N.F.E. |
| <b>Mississippi County Cotton and Grain Co., Charleston, Mo.</b>                           |                   |                |               |         |                  |
| Corn Chops.....                                                                           | G                 | 8.05           | 4.33          | 2.01    | 58.06            |
| 35-4-165 <sup>2</sup> .....                                                               | F                 | 10.13          | 4.51          | 2.04    | 67.75            |
| <b>Missouri Farmers Co-operative Association, Higginsville, Mo.</b>                       |                   |                |               |         |                  |
| Hazel Dell Laying Mash, No. 2.....                                                        | G                 | 17.00          | 3.50          | 7.50    | 48.00            |
| 35-11-30.....                                                                             | F                 | 19.81          | 4.81          | 6.41    | 49.29            |
| Hazel Dell Growing Mash.....                                                              | G                 | 18.00          | 3.50          | 7.00    | 45.00            |
| 35-11-31 <sup>9</sup> .....                                                               | F                 | 20.31          | 6.51          | 5.86    | 47.85            |
| <b>Missouri Farmers Association, Kansas City, Mo.</b>                                     |                   |                |               |         |                  |
| M. F. A. Pig and Hog Meal.....                                                            | G                 | 26.00          | 5.00          | 6.00    | 50.00            |
| 35-1-244 <sup>8,10,14</sup> .....                                                         | F                 | 28.50          | 5.88          | 5.39    | 36.76            |
| M. F. A. Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding 8 %.....            | G                 | 16.00          | 4.00          | 6.00    | 57.00            |
| 35-2-18.....                                                                              | F                 | 19.19          | 5.01          | 5.90    | 53.95            |
| Columbian Laying Mash.....                                                                | G                 | 18.00          | 5.00          | 7.00    | 46.50            |
| 35-2-28.....                                                                              | F                 | 20.75          | 4.87          | 7.32    | 50.13            |
| M. F. A. Chick Scratch.....                                                               | G                 | 10.00          | 2.50          | 5.00    | 55.00            |
| 35-2-29.....                                                                              | F                 | 12.31          | 2.99          | 1.57    | 70.21            |
| M. F. A. Dairy Ration, 16 %.....                                                          | G                 | 16.00          | 3.50          | 12.00   | 45.00            |
| 35-2-30.....                                                                              | F                 | 15.94          | 2.61          | 10.71   | 48.93            |
| M. F. A. Laying Mash with Buttermilk.....                                                 | G                 | 18.00          | 4.00          | 7.00    | 40.00            |
| 35-2-31.....                                                                              | F                 | 19.25          | 5.91          | 5.70    | 49.04            |
| M. F. A. Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding 8 %.....            | G                 | 16.00          | 4.00          | 6.00    | 57.00            |
| 35-2-32 <sup>8</sup> .....                                                                | F                 | 18.06          | 4.58          | 6.08    | 54.19            |
| M. F. A. Hen Scratch.....                                                                 | G                 | 9.50           | 2.50          | 5.00    | 55.00            |
| 35-3-242.....                                                                             | F                 | 10.84          | 4.04          | 2.03    | 70.02            |
| Columbian Chick Scratch.....                                                              | G                 | 9.50           | 2.00          | 5.00    | 55.00            |
| 35-3-243.....                                                                             | F                 | 12.71          | 3.80          | 2.08    | 68.63            |
| M. F. A. Chick Scratch.....                                                               | G                 | 10.00          | 2.50          | 5.00    | 55.00            |
| 35-3-244.....                                                                             | F                 | 11.65          | 4.06          | 2.24    | 69.04            |
| M. F. A. Poultry Fattener.....                                                            | G                 | 14.00          | 4.50          | 6.00    | 60.00            |
| 35-3-245.....                                                                             | F                 | 15.28          | 6.78          | 6.04    | 58.23            |
| M. F. A. Laying Mash with Buttermilk.....                                                 | G                 | 18.00          | 4.00          | 7.00    | 40.00            |
| 35-3-246.....                                                                             | F                 | 20.71          | 5.23          | 5.79    | 46.81            |
| M. F. A. All-Mash Chick Ration.....                                                       | G                 | 16.00          | 4.00          | 7.00    | 55.00            |
| 35-3-247.....                                                                             | F                 | 20.15          | 5.88          | 5.86    | 50.02            |
| M. F. A. Chick to Hen.....                                                                | G                 | 16.00          | 4.50          | 6.00    | 53.00            |
| 35-3-248.....                                                                             | F                 | 17.46          | 5.11          | 7.05    | 54.08            |
| M. F. A. Developer Feed.....                                                              | G                 | 10.00          | 2.50          | 5.00    | 55.00            |
| 35-3-249.....                                                                             | F                 | 10.53          | 4.11          | 2.12    | 69.81            |
| M. F. A. Pig and Hog Meal.....                                                            | G                 | 26.00          | 5.00          | 6.00    | 50.00            |
| 35-3-250.....                                                                             | F                 | 27.09          | 5.56          | 5.99    | 37.43            |
| M. F. A. Growing Mash.....                                                                | G                 | 18.00          | 4.50          | 7.00    | 55.00            |
| 35-3-251.....                                                                             | F                 | 19.90          | 5.21          | 6.74    | 49.50            |
| Columbian Laying Mash.....                                                                | G                 | 18.00          | 5.00          | 7.00    | 46.50            |
| 35-3-252.....                                                                             | F                 | 21.15          | 5.12          | 8.65    | 45.24            |
| M. F. A. Alfalfa Molasses.....                                                            | G                 | 10.00          | 0.75          | 20.00   | 44.00            |
| 35-4-1.....                                                                               | F                 | 12.85          | 1.62          | 15.48   | 46.64            |
| M. F. A. Dairy Ration, 16 %.....                                                          | G                 | 16.00          | 3.50          | 12.00   | 45.00            |
| 35-4-2.....                                                                               | F                 | 17.50          | 2.66          | 9.46    | 49.25            |
| M. F. A. Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding Mill-run.....       | G                 | 16.00          | 4.00          | 6.00    | 57.00            |
| 35-4-3.....                                                                               | F                 | 19.13          | 4.37          | 6.13    | 54.12            |
| M. F. A. Pure Wheat Bran.....                                                             | G                 | 16.00          | 3.50          | 11.00   | 50.00            |
| 35-4-4.....                                                                               | F                 | 17.75          | 3.99          | 10.64   | 47.81            |
| Columbian Scratch Feed.....                                                               | G                 | 9.50           | 2.50          | 5.00    | 55.00            |
| 35-4-5.....                                                                               | F                 | 10.44          | 4.60          | 2.66    | 70.65            |
| M. F. A. Laying Mash with Buttermilk.....                                                 | G                 | 18.00          | 4.00          | 7.00    | 40.00            |
| 35-8-104.....                                                                             | F                 | 19.75          | 6.30          | 6.54    | 49.67            |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                              |      |              |
|-------------------------------------------------------------------------------------------|-------------------|------------------------------|------|--------------|
|                                                                                           | %                 | Guaranteed (G) and Found (F) |      |              |
|                                                                                           |                   | Protein                      | Fat  | Fiber N.F.E. |
| M. F. A. Chick to Hen Mash.....                                                           | G                 | 16.00                        | 4.50 | 6.00 53.00   |
| 35-8-105.....                                                                             | F                 | 17.56                        | 6.07 | 6.22 54.88   |
| M. F. A. Wheat Gray Shorts and Ground Wheat<br>Screenings, not Exceeding 8 %.....         | G                 | 16.00                        | 4.00 | 6.00 57.00   |
| 35-12-192.....                                                                            | F                 | 17.38                        | 4.81 | 6.24 55.76   |
| M. F. A. Dairy Ration, 16 %.....                                                          | G                 | 16.00                        | 3.50 | 12.00 45.00  |
| 35-12-195.....                                                                            | F                 | 16.75                        | 3.38 | 10.96 51.58  |
| <b>M. F. A. Coop. Assn., Perry, Mo.</b>                                                   |                   |                              |      |              |
| Missouri Formula All-Mash.....                                                            | G                 | 15.56                        | 4.40 | 3.34 49.40   |
| 35-10-118 <sup>7,18</sup> .....                                                           | F                 | 17.19                        | 4.70 | 3.42 57.43   |
| Missouri Formula Growing Mash.....                                                        | G                 | 17.00                        | 3.25 | 6.00 46.00   |
| 35-10-119 <sup>7,8,18</sup> .....                                                         | F                 | 21.56                        | 5.90 | 4.88 37.16   |
| Missouri Formula Egg Mash.....                                                            | G                 | 18.00                        | 5.00 | 7.00 47.00   |
| 35-11-189 <sup>7,13,18</sup> .....                                                        | F                 | 20.75                        | 6.36 | 5.00 47.37   |
| Missouri Formula Egg Mash.....                                                            | G                 | 18.00                        | 5.00 | 7.00 47.00   |
| 35-12-80 <sup>7,18</sup> .....                                                            | F                 | 20.13                        | 6.25 | 4.84 48.84   |
| <b>M. F. A. Co-Op. Assn., Versailles, Mo.</b>                                             |                   |                              |      |              |
| Farmers Friend Egg Mash.....                                                              | G                 | 18.00                        | 4.20 | 5.80 48.60   |
| 35-3-65 <sup>2</sup> .....                                                                | F                 | 21.81                        | 5.97 | 5.33 45.25   |
| Farmers Friend Dairy Feed.....                                                            | G                 | 16.00                        | 4.90 | 12.40 28.20  |
| 35-3-66 <sup>2</sup> .....                                                                | F                 | 16.13                        | 5.43 | 12.01 52.47  |
| <b>M. F. A. Milling Co., Springfield, Mo.</b>                                             |                   |                              |      |              |
| Blue Ribbon Mixed Feed.....                                                               | G                 | 12.00                        | 4.00 | 12.00 52.00  |
| 35-1-224.....                                                                             | F                 | 12.56                        | 3.97 | 8.83 55.28   |
| M. F. A. All Farmers Mash.....                                                            | G                 | 16.00                        | 4.00 | 8.00 50.00   |
| 35-1-225.....                                                                             | F                 | 18.19                        | 4.96 | 6.18 47.26   |
| M. F. A. Station Feed.....                                                                | G                 | 14.00                        | 4.00 | 5.40 60.00   |
| 35-1-226.....                                                                             | F                 | 15.31                        | 4.68 | 5.23 61.30   |
| M. F. A. Live Car Feed.....                                                               | G                 | 14.00                        | 4.00 | 5.50 60.50   |
| 35-1-227.....                                                                             | F                 | 14.56                        | 4.29 | 5.41 62.67   |
| M. F. A. Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run.....     | G                 | 16.00                        | 4.00 | 8.50 52.00   |
| 35-1-228 <sup>22</sup> .....                                                              | F                 | 17.13                        | 4.30 | 6.45 54.75   |
| M. F. A. Poultry Mash.....                                                                | G                 | 18.00                        | 5.00 | 6.50 46.70   |
| 35-1-229.....                                                                             | F                 | 21.00                        | 5.27 | 6.25 46.17   |
| M. F. A. Laying Mash (with Buttermilk).....                                               | G                 | 20.00                        | 4.00 | 6.50 48.00   |
| 35-1-230.....                                                                             | F                 | 20.94                        | 5.65 | 5.58 40.41   |
| Blue Ribbon Egg Mash.....                                                                 | G                 | 16.00                        | 4.50 | 8.00 48.70   |
| 35-1-231.....                                                                             | F                 | 18.19                        | 5.58 | 7.12 49.23   |
| M. F. A. Chick to Hen Starting Mash (with Butter-<br>milk).....                           | G                 | 16.00                        | 3.00 | 5.00 54.00   |
| 35-1-232.....                                                                             | F                 | 20.81                        | 5.68 | 4.81 49.34   |
| M. F. A. 24 % Dairy Feed.....                                                             | G                 | 24.00                        | 3.50 | 12.00 45.00  |
| 35-1-233 <sup>8,18</sup> .....                                                            | F                 | 25.13                        | 3.64 | 9.00 43.45   |
| M. F. A. 16 % Dairy Feed.....                                                             | G                 | 16.00                        | 3.60 | 11.00 52.50  |
| 35-1-234 <sup>18</sup> .....                                                              | F                 | 17.75                        | 3.29 | 9.96 47.70   |
| M. F. A. Alfalfa Molasses.....                                                            | G                 | 8.00                         | 1.70 | 12.80 45.50  |
| 35-1-235 <sup>18</sup> .....                                                              | F                 | 8.56                         | 1.97 | 19.83 47.95  |
| Hominy Feed.....                                                                          | G                 | 11.00                        | 7.00 | 5.50 60.00   |
| 35-1-236.....                                                                             | F                 | 12.06                        | 7.56 | 6.69 59.04   |
| Blue Ribbon Hen Scratch.....                                                              | G                 | 10.00                        | 2.50 | 5.00 62.00   |
| 35-2-93.....                                                                              | F                 | 10.94                        | 4.13 | 1.91 68.33   |
| M. F. A. Hen Scratch.....                                                                 | G                 | 10.00                        | 2.50 | 5.00 62.00   |
| 35-2-94.....                                                                              | F                 | 10.38                        | 3.55 | 1.99 69.88   |
| Graded and Screened Developing Chops.....                                                 | G                 | 8.80                         | 3.50 | 6.80 64.40   |
| 35-2-95 <sup>18</sup> .....                                                               | F                 | 9.63                         | 3.94 | 1.68 70.31   |
| Graded and Screened Steel Cut Poultry Chops.....                                          | G                 | 8.80                         | 3.50 | 6.80 64.40   |
| 35-2-96 <sup>18</sup> .....                                                               | F                 | 8.90                         | 3.28 | 1.39 68.62   |
| Corn Feed Meal.....                                                                       | G                 | 8.50                         | 3.50 | 7.00 64.50   |
| 35-2-97 <sup>4,5,18</sup> .....                                                           | F                 | 9.88                         | 5.65 | 2.00 63.90   |
| M. F. A. Calf Meal.....                                                                   | G                 | 24.00                        | 5.00 | 6.00 52.00   |
| 35-2-98.....                                                                              | F                 | 29.50                        | 5.43 | 4.40 47.96   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |             |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E.      |
| M. F. A. Pig Meal.....                                                                    | G                 | 26.00          | 4.80          | 7.40 45.00  |
| 35-2-99.....                                                                              | F                 | 28.13          | 5.42          | 7.26 36.75  |
| Land O'Smiles Horse and Mule Feed.....                                                    | G                 | 12.00          | 3.50          | 11.80 53.05 |
| 35-2-100.....                                                                             | F                 | 9.56           | 2.85          | 10.68 56.84 |
| M. F. A. Developing Mash with Buttermilk.....                                             | G                 | 18.00          | 4.50          | 5.00 55.00  |
| 35-2-101.....                                                                             | F                 | 19.00          | 5.83          | 4.50 51.90  |
| Blue Ribbon Horse and Mule Feed.....                                                      | G                 | 9.00           | 2.50          | 14.00 55.00 |
| 35-2-102 <sup>9</sup> .....                                                               | F                 | 9.10           | 3.77          | 14.11 57.66 |
| M. F. A. Cattle Fattener.....                                                             | G                 | 8.50           | 1.80          | 14.00 42.00 |
| 35-2-103.....                                                                             | F                 | 8.61           | 2.32          | 12.74 53.83 |
| M. F. A. Wheat Gray Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....    | G                 | 16.00          | 3.50          | 6.00 56.50  |
| 35-2-104.....                                                                             | F                 | 19.81          | 4.55          | 6.05 53.40  |
| Blue Ribbon Egg Mash.....                                                                 | G                 | 16.00          | 4.50          | 8.00 48.70  |
| 35-3-101.....                                                                             | F                 | 18.69          | 6.30          | 6.46 48.52  |
| M. F. A. Quality Egg Mash.....                                                            | G                 | 18.00          | 6.50          | 4.00 45.00  |
| 35-10-125.....                                                                            | F                 | 19.88          | 5.00          | 6.00 51.37  |
| M. F. A. Wheat Mixed Feed with Ground Wheat<br>Screenings not Exceeding Mill-run.....     | G                 | 16.00          | 4.00          | 8.50 52.00  |
| 35-12-145.....                                                                            | F                 | 32.38          | 4.67          | 8.66 32.66  |
| M. F. A. Quality Egg Mash.....                                                            | G                 | 18.00          | 6.50          | 4.00 45.00  |
| 35-12-147.....                                                                            | F                 | 19.25          | 6.00          | 6.02 51.91  |
| M. F. A. Laying Mash with Buttermilk.....                                                 | G                 | 20.00          | 4.00          | 6.50 48.00  |
| 35-12-148.....                                                                            | F                 | 20.19          | 6.10          | 7.08 45.55  |
| Blue Ribbon Egg Mash.....                                                                 | G                 | 16.00          | 4.50          | 8.00 48.70  |
| 35-12-149.....                                                                            | F                 | 17.50          | 6.70          | 7.60 48.49  |
| M. F. A. Developing Mash with Buttermilk.....                                             | G                 | 18.00          | 4.50          | 5.00 55.00  |
| 35-12-150.....                                                                            | F                 | 18.38          | 10.98         | 4.03 54.26  |
| M. F. A. Poultry Mash.....                                                                | G                 | 18.00          | 5.00          | 6.50 46.70  |
| 35-12-151.....                                                                            | F                 | 20.06          | 6.72          | 6.88 46.37  |
| M. F. A. All Farmers Mash.....                                                            | G                 | 16.00          | 4.00          | 8.00 50.00  |
| 35-12-152.....                                                                            | F                 | 20.38          | 6.25          | 7.71 46.38  |
| M. F. A. Station Feed.....                                                                | G                 | 14.00          | 4.00          | 5.40 60.00  |
| 35-12-153.....                                                                            | F                 | 15.06          | 5.51          | 5.52 61.16  |
| Blue Ribbon Mixed Feed.....                                                               | G                 | 12.00          | 4.00          | 12.00 52.00 |
| 35-12-154.....                                                                            | F                 | 12.94          | 5.04          | 11.30 50.72 |
| M. F. A. 24 % Dairy Feed.....                                                             | G                 | 24.00          | 3.50          | 12.00 45.00 |
| 35-12-157 <sup>8</sup> .....                                                              | F                 | 23.44          | 3.71          | 11.23 43.02 |
| Land O' Smiles, 16 % Dairy Feed.....                                                      | G                 | 16.00          | 5.50          | 8.00 37.00  |
| 35-12-158 <sup>8</sup> .....                                                              | F                 | 19.06          | 4.23          | 9.64 46.74  |
| M. F. A. Wheat Gray Shorts with Ground Wheat<br>Screenings not Exceeding Mill-run.....    | G                 | 16.00          | 3.50          | 6.00 56.50  |
| 35-12-159.....                                                                            | F                 | 17.88          | 5.78          | 6.66 53.46  |
| M. F. A., 16 % Dairy Feed.....                                                            | G                 | 16.00          | 3.60          | 11.00 52.50 |
| 35-12-160.....                                                                            | F                 | 16.28          | 3.38          | 14.46 44.63 |
| M. F. A. Chick to Hen Starting Mash with Butter-<br>milk.....                             | G                 | 16.00          | 3.00          | 5.00 54.00  |
| 35-12-161.....                                                                            | F                 | 20.06          | 6.17          | 5.29 47.89  |
| Blue Ribbon Mixed Feed with Molasses.....                                                 | G                 | 12.00          | 4.00          | 12.00 52.00 |
| 35-12-162.....                                                                            | F                 | 12.00          | 4.42          | 9.50 52.85  |
| M. F. A. Live Car Feed.....                                                               | G                 | 14.00          | 4.00          | 5.50 60.50  |
| 35-12-163.....                                                                            | F                 | 14.63          | 4.12          | 5.93 62.65  |
| Graded and Screened Steel Cut Poultry Chops.....                                          | G                 | 8.80           | 3.50          | 6.80 64.40  |
| 35-12-164 <sup>18</sup> .....                                                             | F                 | 9.44           | 4.81          | 1.52 70.99  |
| Corn Feed Meal.....                                                                       | G                 | 8.50           | 3.50          | 7.00 64.50  |
| 35-12-165 <sup>18</sup> .....                                                             | F                 | 11.63          | 7.89          | 2.85 63.38  |
| M. F. A. Alfalfa Molasses.....                                                            | G                 | 8.00           | 1.70          | 12.80 45.50 |
| 35-12-166 <sup>18</sup> .....                                                             | F                 | 8.38           | 1.77          | 24.79 54.50 |
| M. F. A. Calf Meal.....                                                                   | G                 | 24.00          | 5.00          | 6.00 52.00  |
| 35-12-167.....                                                                            | F                 | 30.56          | 6.36          | 4.08 44.71  |
| M. F. A. All Farmers Horse and Mule Feed.....                                             | G                 | 9.00           | 2.00          | 15.00 55.00 |
| 35-12-168.....                                                                            | F                 | 13.56          | 3.45          | 10.61 54.76 |
| M. F. A. Cattle Fattener.....                                                             | G                 | 8.50           | 1.80          | 14.00 42.00 |
| 35-12-169 <sup>18</sup> .....                                                             | F                 | 8.13           | 2.06          | 18.73 57.26 |
| Land O' Smiles Horse and Mule Feed.....                                                   | G                 | 12.00          | 3.50          | 11.80 53.05 |
| 35-12-170.....                                                                            | F                 | 11.58          | 3.65          | 10.85 64.60 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)        | Chemical Analyses |                |               |       |        |
|--------------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                                  | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                                  |                   | Protein        | Fat           | Fiber | N.F.E. |
| M. F. A. Supreme Chick Starter.....                                                              | G                 | 15.00          | 4.50          | 3.20  | 64.00  |
| 35-12-171.....                                                                                   | F                 | 18.13          | 5.78          | 3.96  | 59.55  |
| Blue Ribbon Hen Scratch.....                                                                     | G                 | 10.00          | 2.50          | 5.00  | 62.00  |
| 35-12-172.....                                                                                   | F                 | 12.13          | 3.70          | 2.05  | 69.91  |
| M. F. A. Chick Feed.....                                                                         | G                 | 10.00          | 2.50          | 5.00  | 65.00  |
| 35-12-173.....                                                                                   | F                 | 11.63          | 4.03          | 1.51  | 71.42  |
| M. F. A. Hen Scratch.....                                                                        | G                 | 10.00          | 2.50          | 5.00  | 62.00  |
| 35-12-174.....                                                                                   | F                 | 11.63          | 4.17          | 2.01  | 70.31  |
| Graded and Screened Chick Chops.....                                                             | G                 | 8.80           | 3.50          | 6.80  | 64.40  |
| 35-12-175 <sup>3,7,18</sup> .....                                                                | F                 | 10.38          | 7.21          | 1.42  | 69.19  |
| <b>M. F. A. Producers Assn., Moberly, Mo.</b>                                                    |                   |                |               |       |        |
| M. F. A. Dairy Feed.....                                                                         | G                 | 11.50          | 2.75          | 12.50 | 56.00  |
| 35-10-180 <sup>13</sup> .....                                                                    | F                 | 12.44          | 3.83          | 11.49 | 56.14  |
| M. F. A. Chick Starter.....                                                                      | G                 | 16.33          | 4.75          | 3.48  | 58.89  |
| 35-10-181 <sup>2</sup> .....                                                                     | F                 | 15.94          | 6.15          | 4.32  | 57.46  |
| M. F. A. Hen Scratch.....                                                                        | G                 | 10.75          | 2.75          | 2.25  | 70.00  |
| 35-10-182.....                                                                                   | F                 | 10.81          | 3.65          | 2.24  | 71.08  |
| <b>Missouri Valley Milling Co., Osage City, Mo.</b>                                              |                   |                |               |       |        |
| Gray Wheat Shorts with Ground Wheat Screenings<br>not Exceeding Mill-run.....                    | G                 | 15.50          | 4.52          | 5.83  | 55.00  |
| 35-10-5 <sup>18</sup> .....                                                                      | F                 | 17.19          | 4.53          | 7.40  | 56.45  |
| Wheat Bran and Ground Wheat Screenings not Ex-<br>ceeding Mill-run.....                          | G                 | 14.50          | 3.50          | 11.00 | 47.00  |
| 35-10-6 <sup>18</sup> .....                                                                      | F                 | 17.25          | 4.63          | 9.91  | 52.78  |
| <b>Mitchell Hill Seed Co., St. Joseph, Mo.</b>                                                   |                   |                |               |       |        |
| Superior Brand Poultry Feed.....                                                                 | G                 | 10.00          | 2.50          | 6.00  | 54.00  |
| 35-11-133.....                                                                                   | F                 | 10.88          | 3.16          | 2.75  | 70.73  |
| Tip Top Brand Chick Feed.....                                                                    | G                 | 10.00          | 2.50          | 6.00  | 54.00  |
| 35-11-134.....                                                                                   | F                 | 11.38          | 3.02          | 3.39  | 68.62  |
| <b>A. L. Mitchell's Produce, Wlshart, Mo.</b>                                                    |                   |                |               |       |        |
| A. L. Mitchell's Egg Mash.....                                                                   | G                 | 16.00          | 4.00          | 10.00 | 49.00  |
| 35-11-43.....                                                                                    | F                 | 20.13          | 6.16          | 3.06  | 53.47  |
| <b>Model Mill Co., Sallsbury, Mo.</b>                                                            |                   |                |               |       |        |
| Pure Soft Wheat Gray Shorts.....                                                                 | G                 | 15.00          | 3.50          | 6.00  | 55.00  |
| 35-8-113 <sup>7</sup> .....                                                                      | F                 | 17.38          | 4.88          | 5.98  | 57.13  |
| Pure Soft Wheat Bran.....                                                                        | G                 | 14.00          | 3.50          | 11.00 | 47.00  |
| 35-8-114 <sup>7</sup> .....                                                                      | F                 | 16.38          | 4.18          | 10.43 | 51.69  |
| <b>Monarch Milling Co., Kansas City, Mo.</b>                                                     |                   |                |               |       |        |
| County Fair Wheat Bran with Ground Wheat Screen-<br>ings not to Exceed Mill-run or 8 %.....      | G                 | 15.00          | 3.50          | 11.00 | 47.00  |
| 35-8-190.....                                                                                    | F                 | 17.63          | 4.83          | 8.92  | 49.60  |
| County Fair Wheat Gray Shorts with Ground Wheat<br>Screenings not to Exceed Mill-run or 8 %..... | G                 | 16.00          | 3.50          | 6.00  | 56.50  |
| 35-8-191.....                                                                                    | F                 | 19.00          | 4.68          | 5.79  | 55.00  |
| <b>Montgomery Feed Store, Rich Hill, Mo.</b>                                                     |                   |                |               |       |        |
| Homestead Laying Mash.....                                                                       | G                 | 19.00          | 4.00          | 7.00  | 48.00  |
| 35-11-68.....                                                                                    | F                 | 21.63          | 6.13          | 6.24  | 46.08  |
| <b>Moore-Lowry Flour Mills Co., Coffeyville, Kan.</b>                                            |                   |                |               |       |        |
| Wheat Gray Shorts with Ground Wheat Screenings<br>not Exceeding Mill-run.....                    | G                 | 16.00          | 3.50          | 6.00  | 52.00  |
| 35-7-38 <sup>13</sup> .....                                                                      | F                 | 18.50          | 4.47          | 5.90  | 55.05  |
| Wheat Gray Shorts with Ground Wheat Screenings not<br>Exceeding Mill-run.....                    | G                 | 16.00          | 3.50          | 6.00  | 52.00  |
| 35-8-84 <sup>13</sup> .....                                                                      | F                 | 17.38          | 4.85          | 6.06  | 55.77  |
| <b>Moore and Son, Carthage, Mo.</b>                                                              |                   |                |               |       |        |
| Moore's Special Dairy Feed.....                                                                  | G                 | 15.50          | 4.40          | 5.00  | 58.00  |
| 35-7-245 <sup>13</sup> .....                                                                     | F                 | 17.06          | 4.41          | 6.53  | 55.42  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber      N.F.E. |       |       |       |
|-------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------|-------|-------|-------|
| <b>John Morrell &amp; Co., Ottumwa, Iowa.</b>                                             |   |                                                                                                |       |       |       |
| Morrell's Red Heart Brand Meat Meal Tankage.....                                          | G | 60.00                                                                                          | 6.00  | 1.50  | 1.00  |
| 35-12-190.....                                                                            | F | 63.13                                                                                          | 8.75  | 1.00  | 0.44  |
| <b>Morris and Co., Chicago, Ill.</b>                                                      |   |                                                                                                |       |       |       |
| Morris Selected Poultry Feeds, Meat and Bone Scraps.                                      | G | 50.00                                                                                          | 6.00  | 3.00  | 0.00  |
| 35-8-23 <sup>4,5</sup> .....                                                              | F | 50.31                                                                                          | 10.88 | 1.49  | 0.00  |
| <b>Morris &amp; Co., Rockbridge, Mo.</b>                                                  |   |                                                                                                |       |       |       |
| Soft Wheat Bran with Ground Wheat Screenings not<br>to Exceed Mill-run.....               | G | 14.50                                                                                          | 3.50  | 11.00 | 47.00 |
| 35-11-179 <sup>2</sup> .....                                                              | F | 14.88                                                                                          | 4.00  | 7.34  | 57.07 |
| Soft Wheat Gray Shorts.....                                                               | G | 15.00                                                                                          | 3.50  | 5.50  | 55.00 |
| 35-11-180 <sup>2</sup> .....                                                              | F | 17.88                                                                                          | 3.65  | 2.29  | 62.34 |
| <b>Morrow Milling Co., Carthage, Mo.</b>                                                  |   |                                                                                                |       |       |       |
| Moco Hen Scratch.....                                                                     | G | 10.00                                                                                          | 3.20  | 4.50  | 55.50 |
| 35-7-223 <sup>4,5,9,18</sup> .....                                                        | F | 10.69                                                                                          | 3.39  | 1.86  | 70.34 |
| Moco Baby Chick Scratch.....                                                              | G | 10.00                                                                                          | 4.00  | 3.50  | 63.00 |
| 35-7-224 <sup>4,5,18</sup> .....                                                          | F | 10.31                                                                                          | 2.82  | 1.31  | 71.15 |
| Gray Wheat Shorts.....                                                                    | G | 16.00                                                                                          | 3.70  | 5.00  | 50.00 |
| 35-7-225 <sup>13,18</sup> .....                                                           | F | 15.91                                                                                          | 4.70  | 4.17  | 60.50 |
| Hominy Feed.....                                                                          | G | 10.00                                                                                          | 6.50  | 13.00 | 47.00 |
| 35-7-226 <sup>9,18</sup> .....                                                            | F | 10.75                                                                                          | 5.80  | 4.42  | 64.63 |
| Moco Poultry Fattener Feed.....                                                           | G | 14.00                                                                                          | 5.00  | 5.00  | 58.00 |
| 35-7-227 <sup>4,5,13,18</sup> .....                                                       | F | 15.31                                                                                          | 5.00  | 5.40  | 59.53 |
| Wheat Bran with Ground Wheat Screenings not to<br>Exceed 8%.....                          | G | 14.00                                                                                          | 3.30  | 10.00 | 50.00 |
| 35-7-228 <sup>9</sup> .....                                                               | F | 15.13                                                                                          | 3.78  | 8.68  | 55.91 |
| Wheat Mixed Feed with Ground Wheat Screenings not<br>Exceeding 8%.....                    | G | 15.00                                                                                          | 4.00  | 8.50  | 45.50 |
| 35-7-229 <sup>4,5,14,18</sup> .....                                                       | F | 16.19                                                                                          | 4.26  | 2.42  | 60.72 |
| Big Boy Mixed Feed.....                                                                   | G | 12.00                                                                                          | 3.00  | 13.00 | 50.00 |
| 35-7-230 <sup>13,18</sup> .....                                                           | F | 12.63                                                                                          | 3.62  | 13.19 | 53.54 |
| Moco, 18% Dairy Feed.....                                                                 | G | 18.00                                                                                          | 4.00  | 9.00  | 57.00 |
| 35-7-231 <sup>10,18</sup> .....                                                           | F | 18.69                                                                                          | 4.03  | 10.65 | 49.41 |
| Big Girl Laying Mash.....                                                                 | G | 18.00                                                                                          | 4.00  | 8.00  | 50.00 |
| 35-7-232 <sup>18</sup> .....                                                              | F | 19.75                                                                                          | 4.19  | 7.33  | 50.28 |
| Moco Laying Mash.....                                                                     | G | 18.00                                                                                          | 4.50  | 6.00  | 50.00 |
| 35-7-233 <sup>10</sup> .....                                                              | F | 19.81                                                                                          | 5.10  | 5.60  | 51.00 |
| Moco Growing Mash.....                                                                    | G | 16.00                                                                                          | 4.50  | 6.00  | 50.00 |
| 35-7-234.....                                                                             | F | 17.44                                                                                          | 4.78  | 4.26  | 57.49 |
| Moco Starting Mash.....                                                                   | G | 17.00                                                                                          | 4.50  | 5.50  | 45.00 |
| 35-7-235.....                                                                             | F | 21.63                                                                                          | 5.26  | 3.81  | 52.11 |
| Moco, 32% Concentrate Mash.....                                                           | G | 32.00                                                                                          | 4.50  | 6.50  | 24.00 |
| 35-7-236 <sup>10</sup> .....                                                              | F | 35.44                                                                                          | 5.23  | 4.83  | 29.28 |
| Screened Corn Chops.....                                                                  | G | 9.00                                                                                           | 4.00  | 3.00  | 70.00 |
| 35-7-237 <sup>10</sup> .....                                                              | F | 9.19                                                                                           | 3.86  | 1.68  | 71.31 |
| Steel Cut Corn Chops (Medium).....                                                        | G | 9.00                                                                                           | 4.00  | 3.00  | 70.00 |
| 35-7-240 <sup>18</sup> .....                                                              | F | 9.69                                                                                           | 4.05  | 2.01  | 70.27 |
| Big Girl Laying Mash.....                                                                 | G | 18.00                                                                                          | 4.00  | 8.00  | 50.00 |
| 35-11-157 <sup>18</sup> .....                                                             | F | 18.94                                                                                          | 4.52  | 9.08  | 49.59 |
| Moco, 18% Laying Mash.....                                                                | G | 18.00                                                                                          | 4.50  | 6.00  | 50.00 |
| 35-11-158.....                                                                            | F | 19.00                                                                                          | 6.39  | 5.90  | 50.79 |
| Big Boy Mixed Feed.....                                                                   | G | 12.00                                                                                          | 3.00  | 13.00 | 50.00 |
| 35-11-159 <sup>13,18</sup> .....                                                          | F | 12.94                                                                                          | 3.99  | 13.07 | 52.33 |
| <b>Moscow Mills Millg. Co., Moscow Mills, Mo.</b>                                         |   |                                                                                                |       |       |       |
| Wheat Bran.....                                                                           | G | 14.50                                                                                          | 3.50  | 11.00 | 47.00 |
| 35-7-41.....                                                                              | F | 16.50                                                                                          | 3.83  | 10.26 | 51.82 |
| Gray Wheat Shorts.....                                                                    | G | 16.00                                                                                          | 3.50  | 6.00  | 55.00 |
| 35-7-42.....                                                                              | F | 14.52                                                                                          | 2.90  | 3.19  | 64.78 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                              |         |                  |
|-------------------------------------------------------------------------------------------|-------------------|------------------------------|---------|------------------|
|                                                                                           | %                 | Guaranteed (G) and Found (F) | Protein | Fat Fiber N.F.E. |
| <b>L. O. Mott Grocery and Feed Store, Braymer, Mo.</b>                                    |                   |                              |         |                  |
| Missouri Chick Starter.....                                                               | G                 | 14.00                        | 3.60    | 5.00 53.00       |
| 35-10-56 <sup>3,5,20</sup> .....                                                          | F                 | 17.38                        | 5.19    | 4.14 54.73       |
| Missouri Laying Mash.....                                                                 | G                 | 20.00                        | 3.50    | 6.50 44.00       |
| 35-10-57 <sup>3,5,11,20</sup> .....                                                       | F                 | 17.78                        | 3.81    | 7.36 51.82       |
| <b>Mound City Mills, Mound City, Mo.</b>                                                  |                   |                              |         |                  |
| Mound City Egg Mash.....                                                                  | G                 | 16.60                        | 5.22    | 4.80 51.19       |
| 35-10-29.....                                                                             | F                 | 16.75                        | 4.98    | 4.33 55.65       |
| Missouri Formula All-Mash Chick Starter with Meat<br>Scraps and Cod Liver Oil.....        | G                 | 14.50                        | 3.00    | 5.00 50.00       |
| 35-10-30.....                                                                             | F                 | 15.88                        | 5.44    | 3.38 58.87       |
| <b>Mt. Grove Feed Co., Mt. Grove, Mo.</b>                                                 |                   |                              |         |                  |
| Missouri Chick Starter.....                                                               | G                 | 13.50                        | 3.25    | 5.00 53.00       |
| 35-10-226 <sup>18</sup> .....                                                             | F                 | 15.81                        | 3.48    | 4.06 59.20       |
| Growing Mash.....                                                                         | G                 | 15.00                        | 4.00    | 5.50 53.50       |
| 35-10-227 <sup>18</sup> .....                                                             | F                 | 18.00                        | 7.05    | 5.70 54.88       |
| More Egg Laying Mash.....                                                                 | G                 | 18.81                        | 3.80    | 8.00 50.68       |
| 35-10-228 <sup>13</sup> .....                                                             | F                 | 19.13                        | 6.84    | 5.43 51.83       |
| Blue Tag Mixed Feed.....                                                                  | G                 | 11.00                        | 3.50    | 14.33 50.53      |
| 35-10-229 <sup>13</sup> .....                                                             | F                 | 17.13                        | 3.81    | 13.36 49.80      |
| <b>Mt. Vernon Milling Co., Mt. Vernon, Mo.</b>                                            |                   |                              |         |                  |
| Copo Hominy Feed.....                                                                     | G                 | 10.00                        | 7.00    | 6.00 60.00       |
| 35-9-123 <sup>6,18</sup> .....                                                            | F                 | 11.69                        | 7.70    | 4.44 62.84       |
| <b>Mountain View Farmers Exchange, Mountain View, Mo.</b>                                 |                   |                              |         |                  |
| Jersey Cow Feed.....                                                                      | G                 | 18.70                        | 4.90    | 8.00 54.00       |
| 35-2-146 <sup>4,5,13,14,16,18</sup> .....                                                 | F                 | 20.56                        | 4.99    | 7.39 50.51       |
| Community Laying Mash.....                                                                | G                 | 20.00                        | 4.50    | 5.00 56.00       |
| 35-2-147 <sup>4,5,13,18</sup> .....                                                       | F                 | 20.00                        | 4.86    | 6.41 48.88       |
| Community Laying Mash.....                                                                | G                 | 20.00                        | 4.50    | 5.00 56.00       |
| 35-11-26 <sup>13,18</sup> .....                                                           | F                 | 22.38                        | 5.35    | 6.00 45.34       |
| Jersey Cow Feed.....                                                                      | G                 | 18.70                        | 4.90    | 8.00 54.00       |
| 35-11-27 <sup>4,5,13,14,16,18</sup> .....                                                 | F                 | 18.31                        | 4.93    | 8.08 52.24       |
| <b>Murphy Products Co., Burlington, Wis.</b>                                              |                   |                              |         |                  |
| Murphy's Vig-O-Ray Concentrate for Poultry.....                                           | G                 | 32.00                        | 3.70    | 9.00 23.00       |
| 35-9-185 <sup>6,18</sup> .....                                                            | F                 | 36.50                        | 3.65    | 7.54 18.56       |
| <b>National Cottonseed Products Corp., Memphis, Tenn.</b>                                 |                   |                              |         |                  |
| Star Brand, 41% Protein Cottonseed Meal.....                                              | G                 | 41.00                        | 5.50    | 10.00 25.00      |
| 35-1-38 <sup>4,5</sup> .....                                                              | F                 | 42.19                        | 6.62    | 10.48 26.20      |
| <b>Neosho Milling Co., Neosho, Mo.</b>                                                    |                   |                              |         |                  |
| Blue "F" Dairy Feed.....                                                                  | G                 | 15.00                        | 4.50    | 13.00 51.00      |
| 35-3-38 <sup>8,13</sup> .....                                                             | F                 | 16.44                        | 4.75    | 11.69 49.41      |
| Red "F" Chick Scratch.....                                                                | G                 | 10.00                        | 2.50    | 5.00 75.00       |
| 35-3-39 <sup>9</sup> .....                                                                | F                 | 11.13                        | 4.54    | 1.69 70.69       |
| Red "F" All-Way Chick Mash.....                                                           | G                 | 18.00                        | 3.50    | 4.00 53.00       |
| 35-3-40 <sup>13</sup> .....                                                               | F                 | 20.31                        | 5.38    | 3.89 54.23       |
| Blue "F" Egg Mash.....                                                                    | G                 | 18.00                        | 4.00    | 8.00 50.00       |
| 35-3-41 <sup>8,13,18</sup> .....                                                          | F                 | 17.25                        | 5.11    | 8.68 50.67       |
| Missouri Egg Mash.....                                                                    | G                 | 18.00                        | 4.00    | 7.00 50.00       |
| 35-3-42 <sup>8,13,18</sup> .....                                                          | F                 | 19.25                        | 5.70    | 8.12 47.32       |
| Red "F" Hen Scratch.....                                                                  | G                 | 10.00                        | 2.50    | 5.00 65.00       |
| 35-3-43 <sup>9</sup> .....                                                                | F                 | 10.38                        | 4.59    | 1.98 71.15       |
| Red "F" Egg Mash.....                                                                     | G                 | 18.00                        | 4.50    | 8.00 46.00       |
| 35-3-44 <sup>13</sup> .....                                                               | F                 | 20.25                        | 5.97    | 7.67 45.85       |
| Red "F" Mixed Feed.....                                                                   | G                 | 12.00                        | 3.00    | 14.00 50.00      |
| 35-3-115 <sup>13</sup> .....                                                              | F                 | 17.56                        | 4.89    | 6.89 51.43       |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| Blue "F" Mix Feed.....                                                                    | G                 | 10.00          | 3.00          | 17.00 | 48.00  |
| 35-3-116 <sup>13</sup> .....                                                              | F                 | 15.63          | 4.98          | 8.82  | 51.83  |
| Hominy Dairy Feed.....                                                                    | G                 | 16.00          | 5.00          | 8.00  | 49.00  |
| 35-3-117 <sup>7,18</sup> .....                                                            | F                 | 17.44          | 7.09          | 8.96  | 49.49  |
| Blue "F" Hen Scratch.....                                                                 | G                 | 10.00          | 2.50          | 5.00  | 65.00  |
| 35-3-119 <sup>9,18</sup> .....                                                            | F                 | 10.31          | 4.69          | 1.78  | 71.23  |
| Red "F" Dairy Feed.....                                                                   | G                 | 20.00          | 4.00          | 12.00 | 43.00  |
| 35-3-120 <sup>18</sup> .....                                                              | F                 | 26.19          | 5.02          | 7.07  | 44.84  |
| Hominy Feed.....                                                                          | G                 | 10.00          | 6.00          | 8.00  | 60.00  |
| 35-3-121 <sup>7,18</sup> .....                                                            | F                 | 11.25          | 8.22          | 8.04  | 58.00  |
| <b>New Era Milling Co., Arkansas City, Kan.</b>                                           |                   |                |               |       |        |
| Polar Bear Wheat Gray Shorts.....                                                         | G                 | 16.00          | 3.50          | 5.50  | 55.00  |
| 35-8-42 <sup>7,13</sup> .....                                                             | F                 | 19.00          | 3.77          | 4.82  | 56.42  |
| Polar Bear Wheat Bran.....                                                                | G                 | 14.50          | 3.50          | 11.00 | 47.00  |
| 35-8-43 <sup>7</sup> .....                                                                | F                 | 17.38          | 4.44          | 10.18 | 49.07  |
| <b>L. G. Nixon, Ionia, Mo.</b>                                                            |                   |                |               |       |        |
| Nixon's Special Poultry Breeding Mash.....                                                | G                 | 18.50          | 4.00          | 5.50  | 45.00  |
| 35-3-60.....                                                                              | F                 | 16.96          | 5.00          | 5.26  | 53.09  |
| Nixon's Hen Hash.....                                                                     | G                 | 16.00          | 5.00          | 8.00  | 50.00  |
| 35-3-61 <sup>22</sup> .....                                                               | F                 | 17.56          | 4.63          | 6.29  | 50.19  |
| <b>Niangua Milling Co., Niangua, Mo.</b>                                                  |                   |                |               |       |        |
| Milky Way Dairy Feed.....                                                                 | G                 | 16.00          | 4.50          | 7.00  | 46.00  |
| 35-10-131 <sup>5,7,18</sup> .....                                                         | F                 | 15.81          | 4.01          | 12.86 | 53.02  |
| Egg-A-Day Laying Mash.....                                                                | G                 | 20.00          | 3.50          | 7.50  | 42.00  |
| 35-10-132 <sup>5,7,18</sup> .....                                                         | F                 | 22.19          | 5.33          | 7.45  | 46.55  |
| Missouri Formula All-Mash Chick Starter.....                                              | G                 | 14.00          | 3.00          | 5.00  | 50.00  |
| 35-10-133.....                                                                            | F                 | 17.25          | 4.58          | 4.01  | 56.73  |
| Missouri Formula Growing Mash.....                                                        | G                 | 14.50          | 3.00          | 7.50  | 42.00  |
| 35-10-134.....                                                                            | F                 | 20.25          | 4.96          | 4.84  | 49.74  |
| <b>Niangua Missouri Co-operative Association<br/>Niangua, Mo.</b>                         |                   |                |               |       |        |
| Exchange Dairy Feed.....                                                                  | G                 | 16.00          | 3.50          | 11.00 | 49.00  |
| 35-10-127.....                                                                            | F                 | 17.50          | 4.59          | 8.65  | 54.34  |
| Missouri Formula Laying Mash.....                                                         | G                 | 20.00          | 3.50          | 6.50  | 44.00  |
| 35-10-128 <sup>22</sup> .....                                                             | F                 | 24.00          | 5.85          | 5.69  | 47.83  |
| Missouri Formula Growing Mash.....                                                        | G                 | 17.00          | 3.50          | 6.00  | 46.00  |
| 35-10-129 <sup>22</sup> .....                                                             | F                 | 20.50          | 5.16          | 5.22  | 50.75  |
| Missouri All-Mash Chick Starter.....                                                      | G                 | 14.00          | 3.50          | 5.00  | 50.00  |
| 35-10-130 <sup>22</sup> .....                                                             | F                 | 15.50          | 3.75          | 3.71  | 60.63  |
| <b>Noel's Feed and Produce Co., Paris, Mo.</b>                                            |                   |                |               |       |        |
| Missouri Formula Egg Mash.....                                                            | G                 | 20.00          | 3.50          | 7.00  | 45.00  |
| 35-4-67.....                                                                              | F                 | 22.06          | 6.95          | 5.32  | 44.29  |
| Missouri Formula Starting Mash.....                                                       | G                 | 14.50          | 4.50          | 4.00  | 53.00  |
| 35-4-69.....                                                                              | F                 | 16.69          | 4.69          | 3.28  | 54.64  |
| Missouri Formula Growing Mash.....                                                        | G                 | 18.00          | 4.00          | 5.00  | 48.00  |
| 35-10-242 <sup>8,13,22</sup> .....                                                        | F                 | 21.13          | 5.40          | 4.18  | 49.70  |
| Missouri Formula Egg Mash.....                                                            | G                 | 20.00          | 3.50          | 7.00  | 45.00  |
| 35-10-243.....                                                                            | F                 | 23.13          | 5.75          | 5.24  | 45.62  |
| <b>Northern Feed Co., Springfield, Mo.</b>                                                |                   |                |               |       |        |
| Nofco Egg Mash.....                                                                       | G                 | 18.00          | 4.00          | 8.00  | 50.00  |
| 35-8-62.....                                                                              | F                 | 18.06          | 5.66          | 7.18  | 50.32  |
| Nofco Chick Starter Mash.....                                                             | G                 | 18.00          | 4.00          | 7.00  | 50.00  |
| 35-8-63.....                                                                              | F                 | 20.94          | 5.06          | 4.76  | 49.24  |
| Utility Mixed Feed.....                                                                   | G                 | 10.00          | 3.00          | 18.00 | 45.00  |
| 35-8-64.....                                                                              | F                 | 12.44          | 4.06          | 14.01 | 51.69  |
| Bennett's Special Mixed Feed.....                                                         | G                 | 11.00          | 3.50          | 15.00 | 53.00  |
| 35-8-65.....                                                                              | F                 | 13.69          | 4.66          | 12.55 | 52.36  |
| Screened Yellow Corn Chop.....                                                            | G                 | 9.00           | 3.50          | 3.50  | 65.00  |
| 35-8-66.....                                                                              | F                 | 8.88           | 3.86          | 1.48  | 69.79  |



| Manufacturer and Address                           |  | Chemical Analyses              |      |       |        |
|----------------------------------------------------|--|--------------------------------|------|-------|--------|
| Brand Name. Laboratory Number                      |  | % Guaranteed (G) and Found (F) |      |       |        |
| "Superior" Figures (see Key)                       |  | Protein                        | Fat  | Fiber | N.F.E. |
| Utility Egg Mash.....                              |  | G 16.00                        | 3.50 | 9.00  | 45.00  |
| 35-8-67 <sup>13</sup> .....                        |  | F 17.25                        | 5.98 | 7.12  | 50.12  |
| Yellow Corn Feed Meal.....                         |  | G 9.00                         | 3.50 | 3.50  | 65.00  |
| 35-8-68 <sup>2</sup> .....                         |  | F 7.69                         | 1.08 | 1.43  | 72.77  |
| Nofco Chick Growing Mash.....                      |  | G 18.00                        | 4.00 | 6.00  | 45.00  |
| 35-8-69.....                                       |  | F 20.88                        | 4.92 | 5.24  | 47.91  |
| Steel Cut Yellow Corn Chop (Pin Head).....         |  | G 9.00                         | 3.50 | 3.50  | 65.00  |
| 35-8-70.....                                       |  | F 9.07                         | 2.87 | 0.76  | 69.73  |
| Utility Egg Mash.....                              |  | G 16.00                        | 3.50 | 9.00  | 45.00  |
| 35-12-114 <sup>13</sup> .....                      |  | F 16.75                        | 5.47 | 7.81  | 52.31  |
| Nofco Egg Mash.....                                |  | G 18.00                        | 4.00 | 8.00  | 50.00  |
| 35-12-115.....                                     |  | F 18.88                        | 5.98 | 7.10  | 47.61  |
| Bennett's Special Mixed Feed.....                  |  | G 11.00                        | 3.50 | 15.00 | 53.00  |
| 35-12-116 <sup>13,14</sup> .....                   |  | F 13.50                        | 4.97 | 11.63 | 52.44  |
| Utility Mixed Feed.....                            |  | G 10.00                        | 3.00 | 18.00 | 45.00  |
| 35-12-117.....                                     |  | F 12.13                        | 3.92 | 12.53 | 53.40  |
| Screened Yellow Corn Chop.....                     |  | G 9.00                         | 3.50 | 3.50  | 65.50  |
| 35-12-118.....                                     |  | F 9.38                         | 5.10 | 1.55  | 69.07  |
| Yellow Corn Feed Meal.....                         |  | G 9.00                         | 3.50 | 3.50  | 65.00  |
| 35-12-119 <sup>2</sup> .....                       |  | F 9.38                         | 4.87 | 2.00  | 69.23  |
| <b>North Market Feed Co., St. Louis, Mo.</b>       |  |                                |      |       |        |
| North Market Special Horse Feed.....               |  | G 10.00                        | 4.00 | 6.50  | 62.50  |
| 35-6-32 <sup>16</sup> .....                        |  | F 11.40                        | 3.95 | 6.35  | 62.22  |
| <b>Norwood Motor Company Produce, Norwood, Mo.</b> |  |                                |      |       |        |
| Quality Laying Mash.....                           |  | G 18.00                        | 4.50 | 5.00  | 50.00  |
| 35-10-232 <sup>2</sup> .....                       |  | F 19.88                        | 5.48 | 5.71  | 49.85  |
| <b>Nutrena Mills, Inc., Kansas City, Kan.</b>      |  |                                |      |       |        |
| Nutrena Egg Mash.....                              |  | G 18.00                        | 4.50 | 7.00  | 45.00  |
| 35-1-33.....                                       |  | F 19.63                        | 5.51 | 4.67  | 51.51  |
| Grade A Egg Mash.....                              |  | G 18.00                        | 4.00 | 8.00  | 45.00  |
| 35-1-34.....                                       |  | F 19.44                        | 4.93 | 7.89  | 48.51  |
| Grade A Mixed Feed.....                            |  | G 10.00                        | 2.00 | 15.00 | 55.00  |
| 35-1-44 <sup>11</sup> .....                        |  | F 17.38                        | 4.44 | 11.83 | 48.32  |
| Triple V All-Mash Chick Ration.....                |  | G 16.00                        | 4.00 | 5.00  | 47.00  |
| 35-1-252.....                                      |  | F 18.06                        | 4.94 | 4.54  | 55.16  |
| Nutrena All-Mash Egg Pellets.....                  |  | G 15.00                        | 4.00 | 6.00  | 50.00  |
| 35-4-215.....                                      |  | F 17.44                        | 5.29 | 4.31  | 56.08  |
| Dandy Bulky Mixed Feed.....                        |  | G 10.00                        | 2.00 | 18.00 | 40.00  |
| 35-4-216.....                                      |  | F 9.13                         | 2.48 | 14.02 | 55.65  |
| Grade A Egg Mash.....                              |  | G 18.00                        | 4.00 | 8.00  | 45.00  |
| 35-4-223 <sup>8</sup> .....                        |  | F 18.31                        | 4.98 | 7.31  | 51.84  |
| Triple V All-Mash Chick Ration.....                |  | G 16.00                        | 4.00 | 5.00  | 47.00  |
| 35-4-224.....                                      |  | F 17.56                        | 4.51 | 4.80  | 56.62  |
| Nutrena All-Mash Egg Pellets.....                  |  | G 15.00                        | 4.00 | 6.00  | 50.00  |
| 35-5-16 <sup>8</sup> .....                         |  | F 17.56                        | 5.60 | 4.72  | 55.11  |
| Nutrena Egg Mash.....                              |  | G 18.00                        | 4.50 | 6.00  | 52.00  |
| 35-5-17.....                                       |  | F 20.13                        | 5.50 | 5.65  | 52.00  |
| Nutrena Chick Mash.....                            |  | G 18.00                        | 3.50 | 5.00  | 51.00  |
| 35-5-18.....                                       |  | F 19.19                        | 6.06 | 9.10  | 47.68  |
| Grade "A" Egg Mash.....                            |  | G 18.00                        | 4.00 | 8.00  | 45.00  |
| 35-5-19.....                                       |  | F 19.25                        | 5.32 | 7.34  | 49.77  |
| Triple V All-Mash Chick Ration.....                |  | G 16.00                        | 4.00 | 5.00  | 47.00  |
| 35-5-20.....                                       |  | F 17.85                        | 5.29 | 4.53  | 54.58  |
| Nutrena, 32 % Grain Balancer.....                  |  | G 32.00                        | 5.00 | 4.50  | 40.00  |
| 35-5-21 <sup>29</sup> .....                        |  | F 33.63                        | 6.22 | 5.34  | 33.54  |
| Nutrena Turkey Breeding Pellets.....               |  | G 18.00                        | 4.50 | 7.00  | 45.00  |
| 35-5-22.....                                       |  | F 19.75                        | 5.60 | 3.76  | 55.00  |
| Dandy Bulky Mixed Feed.....                        |  | G 10.00                        | 2.00 | 18.00 | 40.00  |
| 35-5-23.....                                       |  | F 9.19                         | 2.51 | 13.67 | 55.71  |
| Nutrena Pigeon Feed.....                           |  | G 10.50                        | 3.00 | 3.50  | 63.00  |
| 35-5-24.....                                       |  | F 13.25                        | 3.51 | 3.45  | 66.71  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |             |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E.      |
| Nutrena All-Mash Egg Pellets.....                                                         | G                 | 15.00          | 4.00          | 6.00 50.00  |
| 35-5-110.....                                                                             | F                 | 17.44          | 5.17          | 3.59 57.79  |
| Nutrena All-Mash Egg Pellets.....                                                         | G                 | 15.00          | 4.00          | 6.00 50.00  |
| 35-6-245.....                                                                             | F                 | 17.19          | 4.86          | 4.83 56.49  |
| Triple V All-Mash Chick Ration.....                                                       | G                 | 16.00          | 4.00          | 5.00 47.00  |
| 35-6-246.....                                                                             | F                 | 19.31          | 4.71          | 5.84 50.64  |
| Standard Brand Mixed Feed.....                                                            | G                 | 7.00           | 0.50          | 27.00 40.00 |
| 35-6-249.....                                                                             | F                 | 15.50          | 0.92          | 19.36 42.37 |
| Nutrena Egg Mash.....                                                                     | G                 | 18.00          | 4.50          | 6.00 52.00  |
| 35-6-250.....                                                                             | F                 | 20.38          | 4.94          | 4.95 50.23  |
| Nutrena, 24 % Protein Dairy Feed.....                                                     | G                 | 24.00          | 4.00          | 9.00 43.00  |
| 35-8-73.....                                                                              | F                 | 26.81          | 3.92          | 6.99 43.65  |
| Nutrena Chick Mash.....                                                                   | G                 | 18.00          | 3.50          | 5.00 51.00  |
| 35-8-74.....                                                                              | F                 | 19.69          | 5.87          | 4.26 52.57  |
| Nutrena Egg Mash.....                                                                     | G                 | 18.00          | 4.50          | 6.00 52.00  |
| 35-8-75 <sup>8,13</sup> .....                                                             | F                 | 19.44          | 5.53          | 5.22 50.96  |
| Grade A Egg Mash.....                                                                     | G                 | 18.00          | 4.00          | 8.00 45.00  |
| 35-8-76 <sup>8</sup> .....                                                                | F                 | 20.25          | 5.18          | 8.68 47.15  |
| Triple V Growing Mash.....                                                                | G                 | 17.00          | 5.00          | 6.00 53.00  |
| 35-8-115 <sup>11</sup> .....                                                              | F                 | 17.31          | 5.75          | 4.66 54.72  |
| Triple V All-Mash Chick Ration.....                                                       | G                 | 16.00          | 4.00          | 5.00 47.00  |
| 35-8-116.....                                                                             | F                 | 19.94          | 5.91          | 5.69 51.16  |
| Triple V Growing Mash.....                                                                | G                 | 17.00          | 5.00          | 6.00 53.00  |
| 35-11-70.....                                                                             | F                 | 18.56          | 5.01          | 4.29 55.88  |
| Nutrena Egg Mash.....                                                                     | G                 | 18.00          | 4.50          | 6.00 52.00  |
| 35-12-53.....                                                                             | F                 | 19.88          | 6.13          | 5.87 50.76  |
| Grade "A" Egg Mash.....                                                                   | G                 | 18.00          | 4.00          | 8.00 45.00  |
| 35-12-54.....                                                                             | F                 | 20.00          | 4.94          | 6.88 51.53  |
| Nutrena Egg Mash.....                                                                     | G                 | 18.00          | 4.50          | 6.00 52.00  |
| 35-12-134.....                                                                            | F                 | 19.50          | 5.93          | 5.57 51.73  |
| <b>Oakley-Pate Seed Co., Joplin, Mo.</b>                                                  |                   |                |               |             |
| Oakley's Pate's Hen Feed.....                                                             | G                 | 9.50           | 3.00          | 3.50 68.00  |
| 35-4-205 <sup>28</sup> .....                                                              | F                 | 10.50          | 3.49          | 1.78 71.24  |
| Oakley-Pate's Egg Maker.....                                                              | G                 | 16.50          | 4.00          | 6.50 45.00  |
| 35-4-206 <sup>28</sup> .....                                                              | F                 | 17.94          | 4.61          | 5.11 51.14  |
| <b>Oak Grove Grain Co., Oak Grove, Mo.</b>                                                |                   |                |               |             |
| Economy Laying Mash.....                                                                  | G                 | 17.00          | 3.50          | 9.00 46.00  |
| 35-2-73 <sup>22</sup> .....                                                               | F                 | 19.75          | 4.99          | 5.08 48.03  |
| Economy Laying Mash.....                                                                  | G                 | 17.00          | 3.00          | 9.00 46.00  |
| 35-10-194.....                                                                            | F                 | 19.31          | 4.12          | 5.37 47.70  |
| University All-Mash Chick Starter.....                                                    | G                 | 13.00          | 3.00          | 5.00 52.00  |
| 35-10-195.....                                                                            | F                 | 15.94          | 3.38          | 3.87 58.84  |
| <b>Odneal's Gold Star, Prairie Home, Mo.</b>                                              |                   |                |               |             |
| Lay Mash.....                                                                             | G                 | 18.00          | 4.00          | 6.00 62.00  |
| 35-11-237 <sup>4,5,8</sup> .....                                                          | F                 | 18.56          | 4.55          | 6.03 51.92  |
| Gold Star Chick Starter.....                                                              | G                 | 18.00          | 4.00          | 5.50 62.00  |
| 35-11-238.....                                                                            | F                 | 18.94          | 4.45          | 4.72 54.28  |
| Gold Star Turkey Mash.....                                                                | G                 | 20.00          | 4.00          | 5.50 49.00  |
| 35-11-239.....                                                                            | F                 | 20.75          | 4.04          | 5.17 51.51  |
| Gold Star Growing Mash.....                                                               | G                 | 16.00          | 4.00          | 6.00 58.00  |
| 35-11-240.....                                                                            | F                 | 20.81          | 5.33          | 4.54 50.15  |
| <b>The Old Mill, Lees Summit, Mo.</b>                                                     |                   |                |               |             |
| Cow Candy.....                                                                            | G                 | 8.00           | 1.50          | 12.00 50.00 |
| 35-9-74 <sup>8,11</sup> .....                                                             | F                 | 11.59          | 2.41          | 10.60 54.14 |
| Unity Laying Mash.....                                                                    | G                 | 12.00          | 3.00          | 10.00 50.00 |
| 35-9-75 <sup>11</sup> .....                                                               | F                 | 18.63          | 3.80          | 6.35 53.91  |
| McCary Dairy Formula.....                                                                 | G                 | 12.00          | 3.50          | 10.00 50.00 |
| 35-9-76 <sup>9</sup> .....                                                                | F                 | 12.94          | 3.83          | 7.95 57.21  |
| Indian Maid Hen Scratch.....                                                              | G                 | 10.00          | 3.00          | 6.00 60.00  |
| 35-9-77 <sup>11</sup> .....                                                               | F                 | 12.44          | 2.75          | 3.03 67.01  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |         |                  |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|------------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N.F.E. |
| County Agent Chick Mash.....                                                              | G                 | 10.00          | 3.00          | 6.00    | 45.00            |
| 35-9-78.....                                                                              | F                 | 12.75          | 4.04          | 4.21    | 61.70            |
| Screened Corn Chop.....                                                                   | G                 | 7.00           | 3.00          | 5.00    | 60.00            |
| 35-9-79.....                                                                              | F                 | 9.81           | 2.47          | 1.22    | 76.38            |
| <b>Olean Milling Co., Olean, Mo.</b>                                                      |                   |                |               |         |                  |
| Olean Turkey Laying Mash.....                                                             | G                 | 21.00          | 3.25          | 8.00    | 45.00            |
| 35-4-121.....                                                                             | F                 | 20.13          | 5.70          | 6.84    | 45.67            |
| Olean Laying Mash.....                                                                    | G                 | 18.00          | 4.00          | 8.00    | 49.00            |
| 35-4-122 <sup>9,13</sup> .....                                                            | F                 | 19.19          | 4.79          | 9.37    | 44.12            |
| Missouri Formula All-Mash Chick Starter.....                                              | G                 | 15.00          | 3.50          | 5.00    | 50.00            |
| 35-4-123.....                                                                             | F                 | 15.25          | 5.56          | 4.03    | 57.04            |
| Cheap Dairy Ration.....                                                                   | G                 | 9.00           | 2.50          | 15.00   | 45.00            |
| 35-4-124 <sup>22</sup> .....                                                              | F                 | 8.19           | 2.55          | 18.59   | 50.94            |
| 3-2-1 Dairy Ration.....                                                                   | G                 | 17.00          | 4.00          | 6.00    | 56.00            |
| 35-4-125.....                                                                             | F                 | 18.25          | 4.42          | 6.00    | 52.43            |
| Golden Band Laying Mash.....                                                              | G                 | 15.00          | 4.00          | 8.50    | 50.00            |
| 35-4-126.....                                                                             | F                 | 17.00          | 4.34          | 8.60    | 49.97            |
| Missouri Formula Laying Mash.....                                                         | G                 | 19.00          | 4.00          | 7.00    | 46.00            |
| 35-4-127 <sup>9,22</sup> .....                                                            | F                 | 22.56          | 5.01          | 6.84    | 44.37            |
| <b>Omaha Floor Mills, Omaha, Neb.</b>                                                     |                   |                |               |         |                  |
| Omar Pure Wheat Red Dog.....                                                              | G                 | 14.00          | 2.50          | 4.00    | 53.00            |
| 35-9-122 <sup>7,18</sup> .....                                                            | F                 | 18.31          | 2.60          | 2.71    | 61.30            |
| <b>Ozark Flour and Feed Co., Seymour, Mo.</b>                                             |                   |                |               |         |                  |
| Better Hen Scratch.....                                                                   | G                 | 9.00           | 4.50          | 2.50    | 65.00            |
| 35-10-145 <sup>7</sup> .....                                                              | F                 | 10.75          | 4.57          | 2.08    | 69.17            |
| Better Egg Mash.....                                                                      | G                 | 20.00          | 3.50          | 7.00    | 41.00            |
| 35-10-214 <sup>7,25</sup> .....                                                           | F                 | 20.81          | 6.37          | 7.44    | 45.17            |
| Better Chick Starter.....                                                                 | G                 | 14.00          | 4.00          | 5.00    | 56.00            |
| 35-10-215 <sup>7,13</sup> .....                                                           | F                 | 15.94          | 4.12          | 5.54    | 56.49            |
| Ozark Dairy Feed.....                                                                     | G                 | 12.00          | 4.00          | 16.00   | 46.00            |
| 35-10-216 <sup>7</sup> .....                                                              | F                 | 14.75          | 4.87          | 13.25   | 48.77            |
| Corn Chop.....                                                                            | G                 | 8.00           | 2.00          | 2.00    | 70.00            |
| 35-10-217 <sup>7,25</sup> .....                                                           | F                 | 9.00           | 2.99          | 1.81    | 74.15            |
| Missouri Egg Mash.....                                                                    | G                 | 16.00          | 4.00          | 8.00    | 50.00            |
| 35-10-218 <sup>7</sup> .....                                                              | F                 | 17.19          | 5.85          | 5.59    | 54.21            |
| Missouri Dairy Feed.....                                                                  | G                 | 16.00          | 3.50          | 10.00   | 45.00            |
| 35-10-219 <sup>7</sup> .....                                                              | F                 | 16.69          | 4.99          | 9.78    | 52.02            |
| <b>The Page Milk Co., Marshall, Mo.</b>                                                   |                   |                |               |         |                  |
| Page Buttermilk Powder for Animal Feed.....                                               | G                 | 30.00          | 5.00          | 0.00    | 40.00            |
| 35-2-139.....                                                                             | F                 | 38.69          | 5.37          | 0.00    | 33.35            |
| <b>Thomas Page Mill Co., Topeka, Kan.</b>                                                 |                   |                |               |         |                  |
| Fairfield Wheat Mixed Feed and Ground Wheat Screen-<br>ings not Exceeding Mill-run.....   | G                 | 16.00          | 3.50          | 8.50    | 54.00            |
| 35-8-21 <sup>7</sup> .....                                                                | F                 | 18.69          | 4.22          | 7.30    | 51.14            |
| <b>Pape and Loos, Quincy, Ill.</b>                                                        |                   |                |               |         |                  |
| Soft Wheat Bran.....                                                                      | G                 | 14.50          | 3.75          | 11.00   | 50.00            |
| 35-1-242 <sup>3,18</sup> .....                                                            | F                 | 16.31          | 3.45          | 10.08   | 52.49            |
| <b>Park Grain Co., Blue Springs, Mo.</b>                                                  |                   |                |               |         |                  |
| Economy Dairy Feed.....                                                                   | G                 | 12.00          | 3.00          | 12.00   | 57.00            |
| 35-2-74.....                                                                              | F                 | 14.06          | 3.64          | 6.51    | 57.38            |
| Missouri State Formula Laying Mash.....                                                   | G                 | 20.00          | 3.50          | 11.00   | 48.00            |
| 35-2-75 <sup>8,13,18</sup> .....                                                          | F                 | 19.63          | 5.93          | 5.58    | 48.17            |
| Missouri State Formula Mash.....                                                          | G                 | 20.00          | 3.50          | 11.00   | 48.00            |
| 35-12-220 <sup>13,18</sup> .....                                                          | F                 | 22.50          | 5.56          | 6.00    | 47.76            |
| <b>Parkville Milling Co., Platte City, Mo.</b>                                            |                   |                |               |         |                  |
| Missouri Laying Mash.....                                                                 | G                 | 19.00          | 3.50          | 7.50    | 42.00            |
| 35-8-154 <sup>21</sup> .....                                                              | F                 | 20.19          | 4.86          | 6.26    | 43.53            |
| Missouri Formula All-Mash Chick Starter.....                                              | G                 | 14.50          | 3.00          | 5.00    | 50.00            |
| 35-8-155 <sup>21</sup> .....                                                              | F                 | 16.06          | 4.43          | 4.95    | 55.60            |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber | N.F.E. |
| Wheat Gray Shorts.....                                                                    | G                              | 16.50   | 4.80 | 6.00  | 54.45  |
| 35-8-156 <sup>4,5,11,13,22</sup> .....                                                    | F                              | 17.63   | 5.26 | 6.02  | 53.59  |
| Wheat Mixed Feed and Ground Wheat Screenings not Exceeding 8 %.....                       | G                              | 14.00   | 3.00 | 8.50  | 50.00  |
| 35-8-157 <sup>4,5,11,13,22</sup> .....                                                    | F                              | 16.50   | 4.48 | 7.23  | 53.72  |
| <b>Patterson Supply House, Carthage, Mo.</b>                                              |                                |         |      |       |        |
| Home Dairy Feed.....                                                                      | G                              | 15.00   | 4.50 | 9.00  | 54.00  |
| 35-7-242 <sup>4,5,9,18</sup> .....                                                        | F                              | 15.06   | 4.92 | 11.44 | 51.77  |
| Home Mash Feed.....                                                                       | G                              | 17.00   | 4.50 | 4.50  | 53.00  |
| 35-7-243 <sup>4,5,9,10,18,29</sup> .....                                                  | F                              | 20.06   | 5.22 | 8.53  | 45.75  |
| Home Scratch Feed.....                                                                    | G                              | 10.00   | 3.00 | 3.00  | 69.00  |
| 35-7-244 <sup>4,5,9,18</sup> .....                                                        | F                              | 11.06   | 3.39 | 2.98  | 68.63  |
| Home Scratch Feed.....                                                                    | G                              | 10.00   | 3.00 | 3.00  | 49.00  |
| 35-11-155 <sup>18</sup> .....                                                             | F                              | 10.69   | 3.41 | 2.10  | 71.15  |
| Home Mash Feed.....                                                                       | G                              | 17.00   | 4.50 | 4.50  | 53.00  |
| 35-11-156 <sup>8,18</sup> .....                                                           | F                              | 17.56   | 6.46 | 7.34  | 51.32  |
| <b>Pearman Milling &amp; Grain Co., Mountain Grove, Mo.</b>                               |                                |         |      |       |        |
| Soft Wheat Bran with Ground Wheat Screenings not Exceeding Mill-run.....                  | G                              | 15.00   | 4.00 | 10.00 | 47.00  |
| 35-12-32 <sup>7,18,22</sup> .....                                                         | F                              | 15.25   | 3.96 | 7.82  | 57.44  |
| Soft Wheat Gray Shorts.....                                                               | G                              | 15.00   | 3.00 | 5.00  | 51.00  |
| 35-12-33 <sup>7,13,18</sup> .....                                                         | F                              | 14.13   | 2.73 | 0.91  | 69.18  |
| <b>Pease Moore Milling Co., West Plains, Mo.</b>                                          |                                |         |      |       |        |
| Wheat Bran and Ground Wheat Screenings not Exceeding 8 %.....                             | G                              | 14.50   | 3.50 | 11.00 | 50.00  |
| 35-1-39 <sup>22</sup> .....                                                               | F                              | 16.81   | 4.95 | 10.81 | 49.46  |
| Satisfaction Baby Chick Starter.....                                                      | G                              | 15.51   | 4.06 | 3.53  | 58.82  |
| 35-12-12 <sup>4,5,13</sup> .....                                                          | F                              | 17.94   | 5.43 | 3.42  | 54.17  |
| Gray Wheat Shorts and Ground Wheat Screenings not to Exceed 8 %.....                      | G                              | 16.00   | 3.50 | 5.50  | 52.00  |
| 35-12-13 <sup>13,22</sup> .....                                                           | F                              | 16.13   | 5.31 | 4.87  | 59.12  |
| Wheat Bran and Ground Wheat Screenings not to Exceed 8 %.....                             | G                              | 14.50   | 3.50 | 11.00 | 50.00  |
| 35-12-14 <sup>22</sup> .....                                                              | F                              | 14.94   | 5.74 | 10.69 | 51.10  |
| Satisfaction Laying Mash.....                                                             | G                              | 17.33   | 5.07 | 6.37  | 53.95  |
| 35-12-15 <sup>4,5,13</sup> .....                                                          | F                              | 16.67   | 6.51 | 5.70  | 53.17  |
| Satisfaction Hen Scratch.....                                                             | G                              | 10.28   | 2.54 | 2.23  | 70.90  |
| 35-12-16 <sup>4,5</sup> .....                                                             | F                              | 11.88   | 4.18 | 2.35  | 69.87  |
| <b>Penick and Ford, Ltd., Inc., Cedar Rapids, Iowa.</b>                                   |                                |         |      |       |        |
| Douglas Corn Gluten Meal.....                                                             | G                              | 43.00   | 1.00 | 4.00  | 38.00  |
| 35-7-145.....                                                                             | F                              | 24.81   | 2.91 | 7.02  | 46.58  |
| <b>Penn Oil and Supply Co., St. Joseph, Mo.</b>                                           |                                |         |      |       |        |
| Penosco Mineralized Balancer with Buttermilk.....                                         | G                              | 23.19   | 7.65 | 4.34  | 13.68  |
| 35-10-38.....                                                                             | F                              | 24.44   | 4.96 | 2.66  | 25.84  |
| <b>Peppard Seed Co., Kansas City, Mo.</b>                                                 |                                |         |      |       |        |
| Triple-P Hen Feed.....                                                                    | G                              | 10.00   | 2.50 | 5.00  | 55.00  |
| 35-3-136.....                                                                             | F                              | 10.63   | 4.01 | 1.78  | 71.26  |
| Triple-P Chick Feed.....                                                                  | G                              | 10.00   | 2.50 | 5.00  | 55.00  |
| 35-3-137.....                                                                             | F                              | 11.94   | 3.49 | 3.02  | 67.59  |
| <b>Perkins Oil Co., Inc., Memphis, Tenn.</b>                                              |                                |         |      |       |        |
| Golden Rod Brand, 41 % Protein Cottonseed Meal... 35-1-2 <sup>27</sup> .....              | G                              | 41.00   | 6.00 | 10.00 | 6.56   |
| .....                                                                                     | F                              | 41.44   | 7.29 | 9.31  | 27.62  |
| Golden Rod Brand, 41 % Protein Cottonseed Meal... 35-2-68 <sup>27</sup> .....             | G                              | 41.00   | 6.00 | 10.00 | 6.56   |
| .....                                                                                     | F                              | 41.38   | 6.57 | 11.87 | 26.88  |
| Golden Rod Brand, 41 % Protein Cottonseed Meal... 35-3-103 <sup>7</sup> .....             | G                              | 41.00   | 6.00 | 10.00 | 26.00  |
| .....                                                                                     | F                              | 40.98   | 6.84 | 11.67 | 26.26  |
| Golden Rod Brand, 41 % Protein Cottonseed Meal... 35-5-46 <sup>1,7</sup> .....            | G                              | 41.00   | 6.00 | 10.00 | 26.00  |
| .....                                                                                     | F                              | 42.44   | 6.06 | 10.81 | 26.49  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      | Fiber | N.F.E. |
|                                                                                           | Protein                        | Fat  |       |        |
| Golden Rod Brand, 41 % Protein Cottonseed Meal...                                         | G 41.00                        | 6.00 | 10.00 | 26.00  |
| 35-9-6 <sup>1,6</sup> .....                                                               | F 41.25                        | 6.16 | 11.04 | 27.13  |
| Golden Rod Brand, 41 % Protein Cottonseed Meal...                                         | G 41.00                        | 6.00 | 10.00 | 26.00  |
| 35-11-73 <sup>4,5,7</sup> .....                                                           | F 41.31                        | 6.51 | 10.46 | 21.44  |
| Golden Rod Brand, 41 % Protein Cottonseed Meal...                                         | G 41.00                        | 6.00 | 10.00 | 26.00  |
| 35-12-176 <sup>6</sup> .....                                                              | F 42.00                        | 6.80 | 10.48 | 28.24  |
| Golden Rod Brand, 41 % Protein Cottonseed Cake...                                         | G 41.00                        | 6.00 | 10.00 | 6.56   |
| 35-12-177 <sup>6</sup> .....                                                              | F 41.10                        | 6.25 | 12.04 | 27.03  |
| <b>Perry County Co-op. Warehouse and Elev. Assn.,<br/>Perryville, Mo.</b>                 |                                |      |       |        |
| Perry County Co-op's Chick Starter Feed.....                                              | G 15.00                        | 4.50 | 4.00  | 65.00  |
| 35-6-126 <sup>8</sup> .....                                                               | F 17.63                        | 4.88 | 3.37  | 57.57  |
| Perry County Co-op's, 20 % Protein Laying Mash...                                         | G 20.00                        | 4.50 | 4.75  | 50.00  |
| 35-6-127 <sup>8</sup> .....                                                               | F 22.25                        | 4.85 | 4.55  | 49.14  |
| <b>Peterson Coal and Grain Co., Independence, Mo.</b>                                     |                                |      |       |        |
| Nation's Best Laying Mash.....                                                            | G 18.00                        | 3.25 | 7.00  | 42.00  |
| 35-9-49.....                                                                              | F 19.19                        | 4.30 | 5.33  | 47.84  |
| Nation's Best Chick Starter.....                                                          | G 16.00                        | 3.50 | 6.50  | 50.00  |
| 35-9-50.....                                                                              | F 18.13                        | 5.12 | 4.18  | 52.65  |
| Nation's Best (Special) Dairy Feed.....                                                   | G 9.00                         | 2.00 | 12.00 | 50.00  |
| 35-9-51 <sup>7,9</sup> .....                                                              | F 14.44                        | 3.07 | 8.01  | 55.17  |
| Nation's Best Scratch Feed.....                                                           | G 10.00                        | 4.00 | 10.00 | 65.00  |
| 35-9-52.....                                                                              | F 10.81                        | 3.00 | 2.71  | 69.72  |
| <b>Peterson and Graves, Fairfax, Mo.</b>                                                  |                                |      |       |        |
| Peterson and Graves Laying Mash.....                                                      | G 20.00                        | 5.00 | 6.00  | 48.00  |
| 35-10-25.....                                                                             | F 22.56                        | 7.59 | 4.49  | 48.89  |
| New Missouri Formula All-Mash Chick Starter.....                                          | G 14.50                        | 3.00 | 5.00  | 50.00  |
| 35-10-26.....                                                                             | F 15.81                        | 5.20 | 3.38  | 59.50  |
| <b>Pierce City Mllg. Co., Pierce City, Mo.</b>                                            |                                |      |       |        |
| Golden Grain Soft Wheat Gray Shorts and Ground<br>Wheat Screenings not More Than 8 %..... | G 15.60                        | 5.50 | 4.80  | 59.10  |
| 35-8-25 <sup>7,9,18</sup> .....                                                           | F 16.13                        | 5.21 | 4.36  | 59.54  |
| Golden Grain Wheat Bran and Ground Wheat Screen-<br>ings not Exceeding 8 %.....           | G 15.00                        | 4.10 | 9.50  | 54.00  |
| 35-8-26 <sup>9</sup> .....                                                                | F 15.06                        | 4.39 | 7.89  | 56.60  |
| Golden Grain Laying Mash.....                                                             | G 18.10                        | 4.50 | 7.40  | 49.90  |
| 35-8-27 <sup>9,13,18</sup> .....                                                          | F 18.94                        | 5.20 | 6.43  | 49.70  |
| Golden Grain Corn Chops.....                                                              | G 9.10                         | 4.50 | 3.50  | 65.10  |
| 35-8-28 <sup>18</sup> .....                                                               | F 12.75                        | 3.99 | 1.84  | 68.58  |
| <b>Pillsbury Flour Mill, Minneapolis, Minn.</b>                                           |                                |      |       |        |
| Feed 'Em Egg Mash.....                                                                    | G 18.00                        | 4.50 | 7.00  | 54.00  |
| 35-1-136.....                                                                             | F 19.25                        | 4.55 | 6.66  | 50.49  |
| Pillsbury Growing Grains.....                                                             | G 10.00                        | 2.50 | 5.00  | 60.00  |
| 35-1-139.....                                                                             | F 10.63                        | 3.79 | 1.67  | 70.79  |
| Pillsbury Wheat Gray Shorts.....                                                          | G 16.00                        | 3.50 | 6.00  | 57.00  |
| 35-1-153.....                                                                             | F 18.94                        | 5.17 | 4.71  | 55.43  |
| Feed 'Em Egg Mash.....                                                                    | G 18.00                        | 4.50 | 7.00  | 54.00  |
| 35-4-230.....                                                                             | F 18.88                        | 4.81 | 6.70  | 47.61  |
| Pillsbury Missouri Formula Starting Mash.....                                             | G 16.00                        | 4.00 | 6.50  | 55.00  |
| 35-5-117.....                                                                             | F 17.44                        | 5.92 | 4.78  | 52.48  |
| Pillsbury Wheat Gray Shorts.....                                                          | G 16.00                        | 3.50 | 6.00  | 57.00  |
| 35-5-123.....                                                                             | F 18.63                        | 4.78 | 5.65  | 55.63  |
| Feed 'Em Egg Mash.....                                                                    | G 18.00                        | 4.50 | 7.00  | 54.00  |
| 35-6-234 <sup>12</sup> .....                                                              | F 19.56                        | 4.76 | 6.85  | 46.96  |
| Feed 'Em Egg Mash.....                                                                    | G 18.00                        | 4.50 | 7.00  | 54.00  |
| 35-7-2 <sup>12</sup> .....                                                                | F 19.56                        | 4.88 | 6.53  | 48.91  |
| Palisade Chick Feed.....                                                                  | G 10.00                        | 2.50 | 5.00  | 65.00  |
| 35-7-5.....                                                                               | F 10.38                        | 2.18 | 2.24  | 72.45  |
| Palisade-All-Mash Starting and Growing.....                                               | G 18.00                        | 4.00 | 6.50  | 50.00  |
| 35-7-6.....                                                                               | F 18.69                        | 5.98 | 6.46  | 50.23  |
| Palisade Sweet Dairy Feed with Molasses and Ground<br>Limestone.....                      | G 16.00                        | 3.50 | 12.00 | 50.00  |
| 35-8-95 <sup>22</sup> .....                                                               | F 17.38                        | 3.76 | 6.86  | 50.10  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |       |       |        |  |
|-------------------------------------------------------------------------------------------|--------------------------------|-------|-------|--------|--|
|                                                                                           | % Guaranteed (G) and Found (F) |       |       |        |  |
|                                                                                           | Protein                        | Fat   | Fiber | N.F.E. |  |
| Feed 'Em Egg Mash.....                                                                    | G 18.00                        | 4.50  | 7.00  | 54.00  |  |
| 35-8-130.....                                                                             | F 19.06                        | 4.53  | 5.78  | 49.48  |  |
| Feed 'Em Egg Mash.....                                                                    | G 18.00                        | 4.50  | 7.00  | 54.00  |  |
| 35-12-56.....                                                                             | F 18.50                        | 5.21  | 7.33  | 49.40  |  |
| Palisade Sweet Dairy Feed with Molasses and Ground<br>Limestone.....                      | G 16.00                        | 2.50  | 12.00 | 50.00  |  |
| 35-12-57.....                                                                             | F 16.31                        | 2.77  | 8.16  | 51.28  |  |
| Feed 'Em Egg Mash.....                                                                    | G 18.00                        | 4.50  | 7.00  | 54.00  |  |
| 35-12-85.....                                                                             | F 18.94                        | 5.52  | 6.68  | 50.71  |  |
| Pillsbury's Wheat Gray Shorts.....                                                        | G 16.00                        | 3.50  | 6.00  | 57.00  |  |
| 35-12-86.....                                                                             | F 19.06                        | 6.09  | 6.02  | 54.58  |  |
| Pillsbury's Wheat Bran and Ground Wheat Screen-<br>ings not Exceeding Mill-run.....       | G 14.50                        | 3.50  | 10.00 | 53.00  |  |
| 35-12-87.....                                                                             | F 16.88                        | 5.14  | 10.13 | 51.12  |  |
| <b>Pineville Exchange, Pineville, Mo.</b>                                                 |                                |       |       |        |  |
| Pineville Egg Mash.....                                                                   | G 17.00                        | 4.00  | 7.00  | 50.00  |  |
| 35-3-36 <sup>14</sup> .....                                                               | F 19.63                        | 6.21  | 5.83  | 48.14  |  |
| Screened Corn Chop.....                                                                   | G 8.50                         | 3.00  | 3.50  | 68.00  |  |
| 35-3-37 <sup>3</sup> .....                                                                | F 9.13                         | 4.46  | 1.70  | 70.58  |  |
| <b>Pioneer Milling Co., Purdy, Mo.</b>                                                    |                                |       |       |        |  |
| Wheat Gray Shorts and Ground Wheat Screenings not<br>Exceeding 8 %.....                   | G 14.67                        | 2.87  | 4.05  | 63.00  |  |
| 35-3-19 <sup>4,13,22</sup> .....                                                          | F 16.56                        | 5.68  | 4.54  | 59.41  |  |
| Wheat Mixed Feed and Ground Wheat Screenings not<br>Exceeding 8 %.....                    | G 15.27                        | 4.22  | 6.86  | 59.21  |  |
| 35-3-20 <sup>4,5,13</sup> .....                                                           | F 16.25                        | 5.18  | 7.61  | 57.04  |  |
| Just Right Egg Mash.....                                                                  | G 16.00                        | 4.00  | 7.50  | 55.00  |  |
| 35-3-21 <sup>4,5,14,16</sup> .....                                                        | F 17.69                        | 5.52  | 6.02  | 52.20  |  |
| <b>Pipkin-Boyd-Neal Packing Co., Joplin, Mo.</b>                                          |                                |       |       |        |  |
| Digester Tankage with Bone.....                                                           | G 50.00                        | 5.00  | 3.00  | 1.00   |  |
| 35-4-185.....                                                                             | F 39.06                        | 17.68 | 1.56  | 3.16   |  |
| <b>The Pittsburg Elev. Co., Pittsburg, Kan.</b>                                           |                                |       |       |        |  |
| "Peco" Horse and Mule Feed.....                                                           | G 9.00                         | 2.00  | 18.00 | 20.00  |  |
| 35-7-153 <sup>7,17</sup> .....                                                            | F 7.78                         | 2.67  | 12.06 | 62.96  |  |
| <b>Pittsburg Plate Glass Co., Red Wing, Minn.</b>                                         |                                |       |       |        |  |
| Red Wing, 37 % Protein Pure Old Process Linseed<br>Meal.....                              | G 37.00                        | 5.00  | 9.00  | 35.00  |  |
| 35-2-223.....                                                                             | F 41.19                        | 5.16  | 6.91  | 31.93  |  |
| Red Wing, 37 % Protein Pure Old Process Linseed<br>Meal.....                              | G 37.00                        | 5.00  | 9.00  | 35.00  |  |
| 35-3-96.....                                                                              | F 38.06                        | 7.00  | 6.82  | 30.40  |  |
| <b>Poik Farmers Assn., Poik, Mo.</b>                                                      |                                |       |       |        |  |
| Missouri Laying Mash.....                                                                 | G 19.00                        | 3.50  | 7.50  | 44.00  |  |
| 35-10-236 <sup>2</sup> .....                                                              | F 22.06                        | 5.36  | 5.44  | 51.03  |  |
| Missouri Growing Mash.....                                                                | G 17.00                        | 3.50  | 6.00  | 46.00  |  |
| 35-10-237 <sup>2</sup> .....                                                              | F 19.75                        | 4.49  | 5.07  | 51.23  |  |
| <b>W. W. Pollock Mill and Elev. Co., Mexico, Mo.</b>                                      |                                |       |       |        |  |
| Pollock's No. 2 Hen Scratch.....                                                          | G 9.00                         | 2.40  | 2.00  | 72.00  |  |
| 35-10-77 <sup>11</sup> .....                                                              | F 10.69                        | 2.73  | 1.92  | 71.82  |  |
| Pollock's Cuckoo Growing Mash with Dried Butter-<br>milk and Cod Liver Oil.....           | G 18.00                        | 5.00  | 6.00  | 50.00  |  |
| 35-10-78 <sup>13</sup> .....                                                              | F 18.88                        | 5.32  | 4.88  | 52.18  |  |
| Pollock's Cuckoo Starting Mash.....                                                       | G 15.00                        | 3.00  | 4.00  | 58.00  |  |
| 35-10-79.....                                                                             | F 16.06                        | 4.32  | 2.99  | 59.41  |  |
| Pollock's Special Chick Feed.....                                                         | G 9.00                         | 2.50  | 3.00  | 68.00  |  |
| 35-10-80.....                                                                             | F 11.50                        | 2.58  | 1.95  | 70.74  |  |
| Pollock's Sure Lay Egg Mash.....                                                          | G 18.00                        | 5.00  | 8.00  | 50.00  |  |
| 35-10-81.....                                                                             | F 17.94                        | 5.30  | 5.38  | 52.20  |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)  | Chemical Analyses |                |               |       |        |
|--------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                            | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                            |                   | Protein        | Fat           | Fiber | N.F.E. |
| Oat Shorts.....                                                                            | G                 | 11.00          | 5.00          | 10.50 | 61.00  |
| 35-10-82.....                                                                              | F                 | 14.31          | 4.76          | 9.81  | 57.80  |
| Pollock's Cow Smile.....                                                                   | G                 | 16.00          | 5.00          | 8.50  | 55.00  |
| 35-10-83 <sup>8,9</sup> .....                                                              | F                 | 16.19          | 4.48          | 7.42  | 56.72  |
| Pollock's Cuckoo Hen Scratch.....                                                          | G                 | 9.62           | 3.05          | 1.83  | 72.06  |
| 35-10-84.....                                                                              | F                 | 10.94          | 2.88          | 2.05  | 70.98  |
| Wheat Bran with Ground Wheat Screenings not to<br>Exceed Mill-run or 8 %.....              | G                 | 15.00          | 3.00          | 11.00 | 50.00  |
| 35-10-85.....                                                                              | F                 | 15.81          | 3.20          | 10.64 | 53.71  |
| Pollock's Cuckoo Chick Feed.....                                                           | G                 | 10.25          | 3.52          | 2.59  | 70.00  |
| 35-10-86.....                                                                              | F                 | 11.13          | 2.76          | 2.09  | 70.79  |
| Screened or Graded Corn Chops.....                                                         | G                 | 9.00           | 3.57          | 1.50  | 72.68  |
| 35-10-87 <sup>7,9</sup> .....                                                              | F                 | 10.63          | 2.66          | 1.64  | 71.59  |
| <b>Portageville Milling Co., Portageville, Mo.</b>                                         |                   |                |               |       |        |
| Corn Bran.....                                                                             | G                 | 12.00          | 5.50          | 10.00 | 50.00  |
| 35-1-81.....                                                                               | F                 | 8.22           | 6.98          | 12.84 | 57.36  |
| <b>Potosi Mill and Elev. Co., Potosi, Mo.</b>                                              |                   |                |               |       |        |
| Soft Wheat Mixed Feed with Ground Wheat Screen-<br>ings not Exceeding Mill-run or 5 %..... | G                 | 14.00          | 3.50          | 8.00  | 50.00  |
| 35-8-216 <sup>9</sup> .....                                                                | F                 | 15.38          | 4.75          | 8.44  | 54.83  |
| Wheat Mixed Feed with Ground Mill-run Wheat<br>Screenings and Corn Bran.....               | G                 | 13.00          | 3.50          | 9.00  | 50.00  |
| 35-8-217.....                                                                              | F                 | 14.19          | 4.25          | 7.35  | 58.62  |
| Soft Wheat Gray Shorts and Ground Wheat Screen-<br>ings not Exceeding Mill-run.....        | G                 | 14.00          | 4.00          | 6.00  | 50.00  |
| 35-8-218.....                                                                              | F                 | 15.50          | 4.63          | 6.64  | 59.75  |
| Soft Wheat Bran and Ground Wheat Screenings not<br>Exceeding Mill-run.....                 | G                 | 12.50          | 2.50          | 10.00 | 50.00  |
| 35-8-220.....                                                                              | F                 | 15.19          | 3.70          | 10.37 | 54.39  |
| <b>Poultry and Egg Co-operative, St. Louis, Mo.</b>                                        |                   |                |               |       |        |
| Economy Laying Mash.....                                                                   | G                 | 16.00          | 4.00          | 15.00 | 50.00  |
| 35-11-247 <sup>4,5,18</sup> .....                                                          | F                 | 16.53          | 4.33          | 11.67 | 49.23  |
| Laying Mash—Missouri Formula.....                                                          | G                 | 20.00          | 5.50          | 7.00  | 50.00  |
| 35-11-248.....                                                                             | F                 | 19.69          | 5.86          | 7.57  | 45.99  |
| <b>Prairie Milling Co., Montgomery City, Mo.</b>                                           |                   |                |               |       |        |
| Pure Wheat Bran.....                                                                       | G                 | 12.00          | 3.00          | 10.00 | 40.00  |
| 35-2-240.....                                                                              | F                 | 16.00          | 2.89          | 9.79  | 55.64  |
| Grey Wheat Shorts and Wheat Screenings (now<br>Ground) not Exceeding Mill-run.....         | G                 | 15.50          | 3.50          | 6.00  | 46.00  |
| 35-2-241 <sup>10</sup> .....                                                               | F                 | 17.94          | 5.01          | 4.74  | 59.33  |
| Screened Corn Chops.....                                                                   | G                 | 8.00           | 3.00          | 3.50  | 65.00  |
| 35-2-242.....                                                                              | F                 | 9.31           | 3.49          | 1.51  | 69.49  |
| <b>Preston Roller Mill, Preston, Mo.</b>                                                   |                   |                |               |       |        |
| Gray Wheat Shorts.....                                                                     | G                 | 15.00          | 3.50          | 6.00  | 55.00  |
| 35-3-53.....                                                                               | F                 | 16.69          | 3.77          | 4.40  | 61.91  |
| Pure Wheat Bran.....                                                                       | G                 | 14.50          | 3.50          | 11.00 | 47.00  |
| 35-3-54.....                                                                               | F                 | 18.44          | 3.68          | 10.67 | 51.03  |
| <b>Priebe &amp; Sons, Inc., Chicago, Ill.</b>                                              |                   |                |               |       |        |
| Sunset Egg Mash.....                                                                       | G                 | 18.00          | 4.00          | 7.50  | 46.00  |
| 35-11-101.....                                                                             | F                 | 19.13          | 4.55          | 7.53  | 51.00  |
| <b>Producers Co-op. Assn., Clarence, Mo.</b>                                               |                   |                |               |       |        |
| Missouri Formula Egg Mash.....                                                             | G                 | 18.00          | 5.00          | 7.00  | 47.00  |
| 35-4-57.....                                                                               | F                 | 20.25          | 5.56          | 4.95  | 48.29  |
| <b>Producers Exch. No. 148, California, Mo.</b>                                            |                   |                |               |       |        |
| Mill-run Feed.....                                                                         | G                 | 11.00          | 3.00          | 8.00  | 58.00  |
| 35-1-24 <sup>7,8</sup> .....                                                               | F                 | 12.44          | 3.58          | 9.98  | 57.51  |
| Economy Egg Mash.....                                                                      | G                 | 20.00          | 3.50          | 5.00  | 50.00  |
| 35-1-25 <sup>4,5,11</sup> .....                                                            | F                 | 22.69          | 6.08          | 5.16  | 47.52  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| Gray Wheat Shorts and Wheat Screenings (now Ground) not to Exceed 8 %.....                | G                              | 14.00   | 3.00 | 6.00 61.00   |
| 35-5-97 <sup>22</sup> .....                                                               | F                              | 18.19   | 4.81 | 7.46 54.37   |
| Mill-run Feed.....                                                                        | G                              | 11.00   | 3.00 | 8.00 58.00   |
| 35-5-98 <sup>22</sup> .....                                                               | F                              | 12.94   | 3.40 | 9.35 58.46   |
| Economy Egg Mash.....                                                                     | G                              | 20.00   | 3.50 | 5.00 50.00   |
| 35-5-99 <sup>4,5,11,13</sup> .....                                                        | F                              | 21.94   | 5.96 | 5.01 47.03   |
| All-Way Mash.....                                                                         | G                              | 12.00   | 3.50 | 5.50 54.00   |
| 35-10-12 <sup>11,13,30</sup> .....                                                        | F                              | 14.13   | 3.90 | 3.52 61.63   |
| Nature's Way Starting Mash.....                                                           | G                              | 17.00   | 4.50 | 5.50 45.00   |
| 35-10-13 <sup>9</sup> .....                                                               | F                              | 19.19   | 5.03 | 3.75 53.86   |
| Chick Scratch.....                                                                        | G                              | 10.00   | 3.00 | 2.00 65.00   |
| 35-10-14.....                                                                             | F                              | 11.44   | 7.02 | 1.54 70.17   |
| Hen Scratch.....                                                                          | G                              | 11.00   | 4.00 | 5.00 57.00   |
| 35-11-235 <sup>4,5,13</sup> .....                                                         | F                              | 10.60   | 4.81 | 1.85 69.82   |
| Wheat Bran and Ground Wheat Screenings not to Exceed ½ of 1 %.....                        | G                              | 14.00   | 4.00 | 10.00 55.00  |
| 35-11-236.....                                                                            | F                              | 17.06   | 4.33 | 9.04 51.76   |
| <b>Producers Exchange No. 84, Lincoln, Mo.</b>                                            |                                |         |      |              |
| Producers Laying Mash.....                                                                | G                              | 18.00   | 3.00 | 8.00 45.00   |
| 35-3-57.....                                                                              | F                              | 20.19   | 5.88 | 5.91 45.76   |
| <b>Producers Exchange, Marshfield, Mo.</b>                                                |                                |         |      |              |
| Producers 18 % Dairy Feed.....                                                            | G                              | 18.00   | 4.50 | 10.00 52.00  |
| 35-10-122.....                                                                            | F                              | 18.88   | 5.17 | 6.99 52.93   |
| Producers Laying Mash.....                                                                | G                              | 20.00   | 4.00 | 7.00 47.00   |
| 35-10-123.....                                                                            | F                              | 22.56   | 6.11 | 4.94 46.67   |
| Producers Developing Mash.....                                                            | G                              | 17.00   | 3.50 | 6.00 50.00   |
| 35-10-124.....                                                                            | F                              | 19.56   | 4.91 | 5.56 50.19   |
| <b>Producers Exchange, Mountain Grove, Mo.</b>                                            |                                |         |      |              |
| Davis Laying Mash.....                                                                    | G                              | 18.00   | 4.00 | 7.00 47.40   |
| 35-10-220 <sup>14</sup> .....                                                             | F                              | 17.31   | 4.72 | 6.82 53.72   |
| Farmers Dairy Feed.....                                                                   | G                              | 16.00   | 4.50 | 12.50 45.00  |
| 35-10-221.....                                                                            | F                              | 17.88   | 5.32 | 6.32 55.34   |
| Square Deal Laying Mash.....                                                              | G                              | 18.00   | 4.00 | 6.00 50.00   |
| 35-10-222 <sup>13</sup> .....                                                             | F                              | 19.69   | 5.11 | 5.89 50.99   |
| Starting Mash with Buttermilk.....                                                        | G                              | 19.00   | 2.75 | 5.00 53.00   |
| 35-10-223.....                                                                            | F                              | 16.06   | 3.89 | 3.44 59.41   |
| <b>Producers Exchange, Wishart and Morrisville, Mo.</b>                                   |                                |         |      |              |
| Lay Quick Egg Mash.....                                                                   | G                              | 19.30   | 4.30 | 5.60 48.60   |
| 35-11-42 <sup>13,14,16</sup> .....                                                        | F                              | 20.56   | 5.55 | 5.49 49.66   |
| <b>Producers Grain Co., Centralia, Mo.</b>                                                |                                |         |      |              |
| Economy Laying Mash.....                                                                  | G                              | 16.00   | 3.50 | 8.00 45.00   |
| 35-2-14 <sup>13</sup> .....                                                               | F                              | 18.31   | 5.41 | 5.96 51.81   |
| Hen-La Laying Mash.....                                                                   | G                              | 18.00   | 3.00 | 6.00 45.00   |
| 35-2-15 <sup>2</sup> .....                                                                | F                              | 18.75   | 5.58 | 6.49 49.80   |
| Economy Laying Mash.....                                                                  | G                              | 16.00   | 3.50 | 8.00 45.00   |
| 35-11-84 <sup>13,22</sup> .....                                                           | F                              | 19.19   | 3.78 | 5.94 53.60   |
| Hen-La Laying Mash.....                                                                   | G                              | 18.00   | 3.00 | 6.00 45.00   |
| 35-11-85.....                                                                             | F                              | 19.81   | 4.83 | 5.65 51.09   |
| <b>Producers Grain Co., Mexico, Mo.</b>                                                   |                                |         |      |              |
| Our Leader Laying Mash.....                                                               | G                              | 18.00   | 4.50 | 6.00 50.00   |
| 35-10-74.....                                                                             | F                              | 18.94   | 4.56 | 4.01 53.25   |
| <b>Producers Grain Co., Montgomery City, Mo.</b>                                          |                                |         |      |              |
| Lucky Strike Laying Mash.....                                                             | G                              | 18.00   | 4.50 | 6.00 50.00   |
| 35-2-236.....                                                                             | F                              | 19.69   | 5.48 | 4.78 51.54   |
| <b>Producers Produce Co., Sedalia, Mo.</b>                                                |                                |         |      |              |
| Producers Egg Mash.....                                                                   | G                              | 18.00   | 4.00 | 7.50 46.00   |
| 35-11-242.....                                                                            | F                              | 19.00   | 5.20 | 7.31 50.88   |
| Producers Egg Mash.....                                                                   | G                              | 18.00   | 4.00 | 7.50 46.00   |
| 35-12-213.....                                                                            | F                              | 19.25   | 4.79 | 6.71 51.96   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| <b>Producers Produce Co., Sweet Springs, Mo.</b>                                          |                                |      |       |        |
| Producers Egg Mash.....                                                                   | G 18.00                        | 3.50 | 6.50  | 45.00  |
| 35-5-80 <sup>7</sup> .....                                                                | F 20.00                        | 4.49 | 5.02  | 49.86  |
| Producers Best Starting Mash.....                                                         | G 17.00                        | 4.50 | 5.50  | 45.00  |
| 35-5-81.....                                                                              | F 18.50                        | 5.11 | 4.41  | 53.17  |
| Producers Egg Mash.....                                                                   | G 18.00                        | 3.50 | 6.50  | 45.00  |
| 35-12-221 <sup>7,24</sup> .....                                                           | F 19.56                        | 4.63 | 6.49  | 48.51  |
| Producers Best, 18 % Laying Mash.....                                                     | G 18.00                        | 4.50 | 6.00  | 50.00  |
| 35-12-222.....                                                                            | F 18.44                        | 4.79 | 5.02  | 55.03  |
| <b>Prudential Milling Co., (General Mills, Inc.), Kansas City, Mo.</b>                    |                                |      |       |        |
| Sugared Stock Feed.....                                                                   | G 10.00                        | 1.50 | 20.00 | 45.00  |
| 35-5-41.....                                                                              | F 11.20                        | 1.83 | 15.47 | 48.55  |
| Double Energy Egg Mash.....                                                               | G 17.50                        | 4.00 | 7.50  | 45.00  |
| 35-8-93.....                                                                              | F 18.56                        | 5.91 | 6.75  | 51.34  |
| <b>Purity Oats Co., Keokuk, Iowa.</b>                                                     |                                |      |       |        |
| Chief Hi-Hat Oat Feed.....                                                                | G 12.00                        | 4.50 | 10.00 | 31.00  |
| 35-12-6 <sup>4,5,18</sup> .....                                                           | F 14.00                        | 5.19 | 16.35 | 53.29  |
| Chief Hi-Hat Oat Feed.....                                                                | G 12.00                        | 4.50 | 19.00 | 31.00  |
| 35-12-201 <sup>4,5,10,18</sup> .....                                                      | F 16.00                        | 6.51 | 13.58 | 52.26  |
| <b>Quaker Oats Co., Chicago, Ill.</b>                                                     |                                |      |       |        |
| White Hominy Feed.....                                                                    | G 10.00                        | 5.00 | 5.00  | 64.00  |
| 35-1-17.....                                                                              | F 10.38                        | 6.57 | 4.55  | 65.88  |
| Vim Oat Mill Feed.....                                                                    | G 5.00                         | 2.00 | 30.00 | 47.00  |
| 35-1-223.....                                                                             | F 5.69                         | 2.02 | 30.21 | 48.31  |
| Aunt Jemima Gray Wheat Shorts and Ground Wheat Screenings not Exceeding Mill-run.....     | G 16.00                        | 4.00 | 6.00  | 55.00  |
| 35-2-248 <sup>22</sup> .....                                                              | F 18.38                        | 5.80 | 6.35  | 54.61  |
| Vim Oat Mill Feed.....                                                                    | G 5.00                         | 1.50 | 30.00 | 47.00  |
| 35-4-28.....                                                                              | F 6.44                         | 2.23 | 30.25 | 48.09  |
| Quaker Green Cross Horse Feed.....                                                        | G 10.00                        | 2.50 | 14.00 | 54.00  |
| 35-4-229.....                                                                             | F 10.88                        | 3.09 | 11.18 | 58.69  |
| Big Egg Laying Mash.....                                                                  | G 18.00                        | 4.00 | 8.00  | 50.00  |
| 35-5-100.....                                                                             | F 19.50                        | 6.80 | 6.01  | 50.28  |
| Sugared Vim Oat Mill Feed.....                                                            | G 5.00                         | 1.25 | 27.50 | 52.50  |
| 35-5-119.....                                                                             | F 5.94                         | 1.87 | 24.53 | 50.33  |
| Aunt Jemima Gray Wheat Shorts and Ground Wheat Screenings not Exceeding Mill-run.....     | G 16.00                        | 4.00 | 6.00  | 55.00  |
| 35-5-175.....                                                                             | F 17.56                        | 4.34 | 5.80  | 56.98  |
| White Hominy Feed.....                                                                    | G 10.00                        | 5.00 | 5.00  | 64.00  |
| 35-5-176.....                                                                             | F 12.06                        | 5.40 | 6.10  | 63.41  |
| Quaker, 24 % Protein Dairy Ration.....                                                    | G 24.00                        | 4.00 | 12.00 | 40.00  |
| 35-5-177.....                                                                             | F 26.13                        | 4.33 | 12.20 | 41.15  |
| Quaker, 16 % Protein Dairy Ration.....                                                    | G 16.00                        | 3.00 | 13.50 | 46.00  |
| 35-5-178.....                                                                             | F 16.13                        | 4.28 | 12.99 | 50.12  |
| Quaker Sugared Sehumaeker Feed.....                                                       | G 10.00                        | 3.00 | 12.00 | 55.00  |
| 35-5-179.....                                                                             | F 10.44                        | 3.61 | 10.26 | 58.43  |
| Sugared Vim Oat Mill Feed—Cubed.....                                                      | G 4.50                         | 1.50 | 25.00 | 47.50  |
| 35-5-180.....                                                                             | F 10.13                        | 2.47 | 12.82 | 58.31  |
| Quaker Sugared Sehumaeker Cubes.....                                                      | G 10.00                        | 2.50 | 12.00 | 55.00  |
| 35-5-181.....                                                                             | F 10.81                        | 3.62 | 11.24 | 58.53  |
| Sugared Vim Oat Mill Feed.....                                                            | G 5.00                         | 1.25 | 27.50 | 52.50  |
| 35-5-182.....                                                                             | F 3.56                         | 1.47 | 29.24 | 50.71  |
| Quaker Green Cross Horse Feed.....                                                        | G 10.00                        | 2.50 | 14.00 | 54.00  |
| 35-5-183.....                                                                             | F 11.42                        | 3.23 | 12.81 | 58.47  |
| Horse Power Feed.....                                                                     | G 9.50                         | 2.80 | 11.00 | 57.50  |
| 35-5-184.....                                                                             | F 11.47                        | 3.01 | 10.10 | 61.01  |
| Quaker Ful-O-Pep Station Grade Fattening Feed....                                         | G 12.00                        | 4.50 | 5.50  | 60.00  |
| 35-5-185.....                                                                             | F 13.02                        | 5.90 | 5.38  | 63.15  |
| Early Bird Scratch Grains, No Grit.....                                                   | G 9.50                         | 2.00 | 3.50  | 65.00  |
| 35-5-187.....                                                                             | F 11.38                        | 4.01 | 2.67  | 68.83  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |  |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|--|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |  |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |  |
| Big Egg Scratch Grains, No Grit.....                                                      | G 9.50                         | 2.00 | 3.50  | 65.00  |  |
| 35-5-188.....                                                                             | F 11.56                        | 3.90 | 2.71  | 68.83  |  |
| Quaker Ful-O-Pep Coarse Chick Feed.....                                                   | G 10.00                        | 2.00 | 2.50  | 68.00  |  |
| 35-5-189.....                                                                             | F 10.88                        | 3.15 | 2.15  | 71.27  |  |
| Quaker Ful-O-Pep Shipping Grade Fattening Feed...                                         | G 12.00                        | 4.50 | 5.50  | 60.00  |  |
| 35-5-190.....                                                                             | F 14.25                        | 5.98 | 4.14  | 63.19  |  |
| Quaker Ful-O-Pep Scratch Grains.....                                                      | G 9.00                         | 2.00 | 3.00  | 65.00  |  |
| 35-5-192.....                                                                             | F 10.81                        | 3.68 | 2.27  | 70.75  |  |
| White Hominy Feed.....                                                                    | G 10.00                        | 5.00 | 5.00  | 64.00  |  |
| 35-6-17.....                                                                              | F 10.63                        | 5.61 | 6.03  | 64.39  |  |
| Vim Oat Mill Feed.....                                                                    | G 5.00                         | 1.50 | 30.00 | 47.00  |  |
| 35-6-29 <sup>9</sup> .....                                                                | F 6.31                         | 1.94 | 29.94 | 46.64  |  |
| Quaker Ful-O-Pep Egg Mash.....                                                            | G 20.00                        | 4.50 | 8.00  | 45.00  |  |
| 35-7-46.....                                                                              | F 22.81                        | 8.01 | 5.28  | 45.95  |  |
| Quaker Ful-O-Pep Chick Starter.....                                                       | G 17.00                        | 5.00 | 7.00  | 50.00  |  |
| 35-7-47.....                                                                              | F 19.25                        | 6.85 | 3.71  | 53.76  |  |
| Big Egg Chick Starter.....                                                                | G 16.00                        | 5.00 | 7.00  | 50.00  |  |
| 35-7-49.....                                                                              | F 16.44                        | 6.56 | 5.55  | 55.35  |  |
| Quaker Sugared Schumacher Feed.....                                                       | G 10.00                        | 3.00 | 12.00 | 55.00  |  |
| 35-7-149.....                                                                             | F 9.00                         | 3.54 | 10.65 | 59.45  |  |
| Quaker Full-O-Pep Egg Mash.....                                                           | G 20.00                        | 4.50 | 8.00  | 45.00  |  |
| 35-7-150.....                                                                             | F 21.69                        | 7.48 | 5.74  | 48.72  |  |
| White Hominy Feed.....                                                                    | G 10.00                        | 5.00 | 5.00  | 64.00  |  |
| 35-7-151.....                                                                             | F 11.69                        | 6.02 | 5.26  | 63.68  |  |
| Yellow Hominy Feed.....                                                                   | G 10.00                        | 5.00 | 5.00  | 64.00  |  |
| 35-7-152.....                                                                             | F 11.25                        | 6.73 | 3.69  | 65.25  |  |
| Sugared Vim Oat Mill Feed.....                                                            | G 5.00                         | 1.25 | 27.50 | 52.50  |  |
| 35-7-165.....                                                                             | F 6.31                         | 1.58 | 25.75 | 49.29  |  |
| Quaker Ful-O-Pep Shipping Grade Fattening Feed...                                         | G 12.00                        | 4.50 | 5.50  | 60.00  |  |
| 35-7-166.....                                                                             | F 14.25                        | 6.19 | 5.41  | 62.15  |  |
| Aunt Jemima Gray Wheat Shorts and Ground Wheat<br>Screenings, not Exceeding Mill-run..... | G 16.00                        | 4.00 | 6.00  | 55.00  |  |
| 35-8-71.....                                                                              | F 17.44                        | 5.47 | 5.79  | 54.24  |  |
| Quaker Sugared Schumacher Feed.....                                                       | G 10.00                        | 3.00 | 12.00 | 55.00  |  |
| 35-8-72.....                                                                              | F 9.25                         | 3.72 | 13.32 | 58.00  |  |
| North Star Oatmeal.....                                                                   | G 16.00                        | 6.00 | 3.50  | 65.00  |  |
| 35-8-81.....                                                                              | F 19.13                        | 7.22 | 2.96  | 60.89  |  |
| Quaker Ful-O-Pep Chick Starter.....                                                       | G 17.00                        | 5.00 | 7.00  | 50.00  |  |
| 35-8-163.....                                                                             | F 19.19                        | 7.16 | 5.38  | 52.19  |  |
| White Hominy Feed.....                                                                    | G 10.00                        | 5.00 | 5.00  | 64.00  |  |
| 35-8-179.....                                                                             | F 11.75                        | 5.84 | 4.98  | 65.62  |  |
| Quaker Ful-O-Pep Coarse Chick Feed.....                                                   | G 10.00                        | 2.00 | 2.50  | 68.00  |  |
| 35-9-173.....                                                                             | F 11.50                        | 3.28 | 1.91  | 71.43  |  |
| Quaker Ful-O-Pep Growing Mash.....                                                        | G 19.00                        | 5.00 | 6.00  | 47.00  |  |
| 35-9-174.....                                                                             | F 19.63                        | 7.66 | 5.06  | 51.69  |  |
| Quaker Ful-O-Pep Turkey Starter.....                                                      | G 26.00                        | 5.00 | 7.00  | 35.00  |  |
| 35-9-175.....                                                                             | F 22.81                        | 6.34 | 4.62  | 55.13  |  |
| Quaker Ful-O-Pep Chick Starter.....                                                       | G 17.00                        | 5.00 | 7.00  | 50.00  |  |
| 35-9-176.....                                                                             | F 18.44                        | 7.29 | 5.80  | 53.70  |  |
| Ground Grain Screenings From Oats.....                                                    | G 14.00                        | 6.00 | 14.00 | 40.00  |  |
| 35-9-177.....                                                                             | F 14.63                        | 6.13 | 15.57 | 47.92  |  |
| Vim Oat Mill Feed.....                                                                    | G 5.00                         | 1.50 | 30.00 | 47.00  |  |
| 35-11-74.....                                                                             | F 4.81                         | 1.37 | 39.92 | 44.40  |  |
| Quaker Ful-O-Pep Turkey Starter.....                                                      | G 26.00                        | 5.00 | 7.00  | 35.00  |  |
| 35-11-135.....                                                                            | F 25.50                        | 6.64 | 5.29  | 46.40  |  |
| Quaker Ful-O-Pep Growing Mash.....                                                        | G 19.00                        | 5.00 | 6.00  | 47.00  |  |
| 35-11-136.....                                                                            | F 21.75                        | 6.62 | 4.92  | 51.81  |  |
| Quaker Sugared Schumacher Feed.....                                                       | G 10.00                        | 3.00 | 12.00 | 55.00  |  |
| 35-12-73.....                                                                             | F 11.56                        | 4.24 | 13.15 | 57.69  |  |
| Quaker 16 % Protein Dairy Ration.....                                                     | G 16.00                        | 3.00 | 13.50 | 46.00  |  |
| 35-12-74.....                                                                             | F 18.75                        | 4.73 | 13.08 | 49.20  |  |
| Yellow Hominy Feed.....                                                                   | G 10.00                        | 5.00 | 5.00  | 64.00  |  |
| 35-12-120.....                                                                            | F 10.75                        | 8.76 | 5.19  | 63.59  |  |
| Schumacher Egg Mash.....                                                                  | G 18.00                        | 4.50 | 10.00 | 45.00  |  |
| 35-12-121.....                                                                            | F 19.00                        | 4.71 | 9.31  | 47.19  |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |      |       |        |
|-------------------------------------------------------------------------------------------|-------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G)  | Fat  | Fiber | N.F.E. |
| Quaker 16 % Protein Dairy Ration.....                                                     | G 16.00           | 3.00 | 13.50 | 46.00  |
| 35-12-125.....                                                                            | F 18.13           | 3.70 | 14.07 | 49.32  |
| Quaker Ful-O-Pep Egg Mash.....                                                            | G 20.00           | 4.50 | 8.00  | 45.00  |
| 35-12-126.....                                                                            | F 21.44           | 6.41 | 6.97  | 48.10  |
| Quaker Ful-O-Pep Shipping Grade Fattening Feed...                                         | G 12.00           | 4.50 | 5.50  | 60.00  |
| 35-12-127.....                                                                            | F 16.13           | 5.92 | 5.29  | 58.90  |
| Quaker Ful-O-Pep Broiler Mash.....                                                        | G 19.00           | 5.00 | 7.00  | 47.00  |
| 35-12-128.....                                                                            | F 21.88           | 6.92 | 5.94  | 48.86  |
| Early Bird Scratch Grains, No Grit.....                                                   | G 9.50            | 2.00 | 3.50  | 65.00  |
| 35-12-129.....                                                                            | F 11.88           | 2.97 | 3.24  | 69.44  |
| White Hominy Feed.....                                                                    | G 10.00           | 5.00 | 5.00  | 64.00  |
| 35-12-130.....                                                                            | F 11.56           | 6.97 | 5.48  | 63.15  |
| Sugared Vim Oat Mill Feed.....                                                            | G 5.00            | 1.25 | 27.50 | 52.50  |
| 35-12-131.....                                                                            | F 5.44            | 1.48 | 24.73 | 53.23  |
| Quaker Sugared Schumacher Feed.....                                                       | G 10.00           | 3.00 | 12.00 | 55.00  |
| 35-12-205.....                                                                            | F 10.06           | 3.43 | 15.11 | 57.89  |
| Sugared Vim Oat Mill Feed.....                                                            | G 5.00            | 1.25 | 27.50 | 52.50  |
| 35-12-236.....                                                                            | F 6.50            | 1.65 | 27.07 | 51.30  |
| Sugared Vim Oat Mill Feed—Cubed.....                                                      | G 4.50            | 1.50 | 25.00 | 47.50  |
| 35-12-237.....                                                                            | F 6.38            | 1.48 | 22.94 | 54.96  |
| <b>Quality Feed Store, Kirksville, Mo.</b>                                                |                   |      |       |        |
| Challenge All Mash Starter and Grower.....                                                | G 16.00           | 4.50 | 6.00  | 50.00  |
| 35-7-86.....                                                                              | F 16.94           | 4.56 | 3.99  | 55.76  |
| <b>C. E. Queen, Southwest City, Mo.</b>                                                   |                   |      |       |        |
| Queen's Laying Mash.....                                                                  | G 20.00           | 3.50 | 7.50  | 53.00  |
| 35-3-32 <sup>7</sup> .....                                                                | F 18.71           | 5.62 | 5.01  | 54.20  |
| Queen's Growing Mash.....                                                                 | G 15.00           | 3.50 | 6.00  | 52.00  |
| 35-3-33.....                                                                              | F 17.13           | 6.19 | 3.78  | 57.10  |
| <b>Queen City Flour &amp; Feed Co., Springfield, Mo.</b>                                  |                   |      |       |        |
| Connell's Ozark Queen Egg Mash.....                                                       | G 17.00           | 4.00 | 8.00  | 57.00  |
| 35-11-193 <sup>18</sup> .....                                                             | F 16.75           | 6.19 | 7.93  | 44.90  |
| Connell's Justrite Dairy Feed.....                                                        | G 16.00           | 4.00 | 7.00  | 50.00  |
| 35-11-194 <sup>4,5</sup> .....                                                            | F 18.00           | 4.32 | 9.69  | 52.16  |
| Connell's Justrite Egg Mash.....                                                          | G 18.00           | 4.00 | 7.00  | 57.00  |
| 35-11-195 <sup>2</sup> .....                                                              | F 17.69           | 5.79 | 6.94  | 51.57  |
| Queen City Mixed Feed.....                                                                | G 13.00           | 3.00 | 8.00  | 57.00  |
| 35-11-196 <sup>2</sup> .....                                                              | F 14.00           | 4.71 | 9.59  | 56.04  |
| Queen City Scratch Feed.....                                                              | G 10.00           | 3.00 | 5.00  | 65.00  |
| 35-11-197 <sup>4,5</sup> .....                                                            | F 10.94           | 3.13 | 2.26  | 70.38  |
| <b>Quisenberry Feed Products Co., Kansas City, Mo.</b>                                    |                   |      |       |        |
| Quisenberry Quality More Egg Scratch.....                                                 | G 10.00           | 2.50 | 3.50  | 57.00  |
| 35-4-89.....                                                                              | F 10.56           | 2.75 | 2.17  | 70.91  |
| Quisenberry Quality Blue Ribbon Hen Scratch.....                                          | G 10.00           | 2.50 | 4.50  | 56.00  |
| 35-4-90.....                                                                              | F 10.88           | 2.87 | 2.02  | 69.59  |
| Quisenberry Quality Blue Ribbon Chick Scratch (Fine)                                      | G 10.00           | 2.50 | 3.50  | 60.00  |
| 35-4-91.....                                                                              | F 10.68           | 3.19 | 1.43  | 68.63  |
| Quisenberry Quality Husky Chick Scratch (Fine)....                                        | G 10.50           | 2.50 | 3.00  | 60.00  |
| 35-4-92.....                                                                              | F 13.94           | 3.14 | 1.30  | 66.69  |
| Quisenberry Quality Husky Chick Scratch (Medium).                                         | G 10.00           | 2.50 | 3.00  | 60.00  |
| 35-4-93 <sup>9</sup> .....                                                                | F 10.25           | 3.88 | 1.70  | 71.65  |
| Quisenberry Quality Blue Ribbon Growing Mash....                                          | G 16.00           | 4.00 | 7.00  | 51.00  |
| 35-4-94 <sup>8</sup> .....                                                                | F 16.38           | 5.05 | 4.21  | 53.45  |
| Quisenberry Quality Blue Ribbon Laying Mash.....                                          | G 18.00           | 4.00 | 8.00  | 47.00  |
| 35-4-95.....                                                                              | F 19.19           | 4.44 | 7.31  | 48.90  |
| Quisenberry Quality Laying Mash with Buttermilk..                                         | G 19.00           | 4.00 | 6.00  | 49.00  |
| 35-4-96.....                                                                              | F 19.88           | 4.54 | 5.21  | 49.00  |
| Quisenberry Quality Blue Ribbon Laying Mash.....                                          | G 18.00           | 4.00 | 8.00  | 47.00  |
| 35-4-97.....                                                                              | F 16.88           | 4.80 | 6.43  | 53.82  |
| Quisenberry Quality Rabbit Feed.....                                                      | G 12.00           | 2.50 | 6.00  | 54.00  |
| 35-4-98 <sup>8,9</sup> .....                                                              | F 12.19           | 4.65 | 5.93  | 61.41  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |  |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|--|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |  |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |  |
| Quisenberry Quality Quick Fattener.....                                                   | G 12.50                        | 4.50 | 6.00  | 50.00  |  |
| 35-4-99.....                                                                              | F 12.38                        | 5.05 | 3.32  | 64.38  |  |
| Quisenberry Quality Hog Feed.....                                                         | G 16.00                        | 4.00 | 8.00  | 51.00  |  |
| 35-4-100.....                                                                             | F 19.00                        | 6.37 | 7.70  | 49.06  |  |
| Good as Gold Mixed Feed.....                                                              | G 14.00                        | 3.50 | 11.00 | 53.00  |  |
| 35-4-101.....                                                                             | F 13.88                        | 4.44 | 13.52 | 49.05  |  |
| Quisenberry Quality Growing Mash with Buttermilk.                                         | G 16.50                        | 4.00 | 6.00  | 50.00  |  |
| 35-4-102 <sup>9</sup> .....                                                               | F 18.38                        | 5.89 | 5.21  | 50.58  |  |
| Quisenberry Quality More Egg Laying Mash.....                                             | G 18.00                        | 4.00 | 6.00  | 49.00  |  |
| 35-4-103.....                                                                             | F 17.63                        | 5.63 | 6.18  | 49.75  |  |
| Quisenberry Quality 24 % Dairy Feed (Dry).....                                            | G 24.00                        | 4.50 | 11.00 | 40.00  |  |
| 35-4-104.....                                                                             | F 24.50                        | 4.77 | 9.86  | 43.21  |  |
| Quisenberry Quality 16 ½ % Molasses Dairy Feed....                                        | G 16.50                        | 4.00 | 15.00 | 43.00  |  |
| 35-4-105 <sup>9</sup> .....                                                               | F 15.16                        | 4.28 | 3.04  | 55.10  |  |
| Quisenberry Quality Starting Food with Buttermilk..                                       | G 15.00                        | 4.00 | 5.00  | 51.00  |  |
| 35-4-106.....                                                                             | F 16.06                        | 6.21 | 4.78  | 54.74  |  |
| Quisenberry Quality Blue Ribbon Starting Food.....                                        | G 14.00                        | 4.00 | 7.00  | 50.00  |  |
| 35-4-107.....                                                                             | F 15.56                        | 5.15 | 4.84  | 56.23  |  |
| Quisenberry Quality Pig Meal.....                                                         | G 18.00                        | 4.00 | 7.00  | 47.00  |  |
| 35-4-108.....                                                                             | F 23.50                        | 4.75 | 5.38  | 45.75  |  |
| Quisenberry Quality Calf Meal.....                                                        | G 24.00                        | 5.00 | 7.00  | 48.00  |  |
| 35-4-109.....                                                                             | F 24.50                        | 5.25 | 5.59  | 49.66  |  |
| Quisenberry Quality Cornless Chick Feed.....                                              | G 11.00                        | 2.50 | 3.00  | 60.00  |  |
| 35-4-110.....                                                                             | F 13.25                        | 3.06 | 2.71  | 64.29  |  |
| Quisenberry Quality Pigeon Feed.....                                                      | G 15.00                        | 2.00 | 4.00  | 60.00  |  |
| 35-4-111 <sup>9</sup> .....                                                               | F 14.32                        | 3.35 | 2.55  | 66.93  |  |
| Good as Gold Mixed Feed.....                                                              | G 14.00                        | 3.50 | 11.00 | 53.00  |  |
| 35-5-115.....                                                                             | F 13.63                        | 3.56 | 12.83 | 50.57  |  |
| Quisenberry Quality Blue Ribbon Laying Mash.....                                          | G 18.00                        | 4.00 | 8.00  | 47.00  |  |
| 35-5-116.....                                                                             | F 17.66                        | 5.24 | 7.29  | 50.14  |  |
| Good As Gold Mixed Feed.....                                                              | G 14.00                        | 3.50 | 11.00 | 53.00  |  |
| 35-8-106 <sup>13</sup> .....                                                              | F 13.19                        | 4.25 | 12.55 | 51.98  |  |
| Quisenberry Quality Turkey Blue Ribbon Starting                                           |                                |      |       |        |  |
| Food.....                                                                                 | G 14.00                        | 4.00 | 7.00  | 50.00  |  |
| 35-8-107.....                                                                             | F 16.44                        | 5.36 | 6.10  | 47.65  |  |
| Good As Gold Laying Mash.....                                                             | G 18.00                        | 3.50 | 11.00 | 53.00  |  |
| 35-8-132.....                                                                             | F 19.25                        | 4.31 | 10.11 | 46.80  |  |
| Good As Gold Mixed Feed.....                                                              | G 14.00                        | 3.50 | 11.00 | 53.00  |  |
| 35-11-105.....                                                                            | F 13.81                        | 1.01 | 12.19 | 55.86  |  |

**Quisenberry-Hobbs Co., Kansas City, Mo.**

|                                                    |         |      |       |       |  |
|----------------------------------------------------|---------|------|-------|-------|--|
| Q-H Gold Bond Chick Starter.....                   | G 16.50 | 4.50 | 6.00  | 46.00 |  |
| 35-4-73 <sup>7</sup> .....                         | F 17.50 | 4.66 | 5.70  | 54.36 |  |
| Q-H Big Value Chick Mash.....                      | G 15.50 | 4.00 | 6.50  | 45.00 |  |
| 35-4-74 <sup>7</sup> .....                         | F 17.56 | 5.03 | 6.47  | 52.57 |  |
| Q-H Gold Bond All Mash Starter and Grower (Battery |         |      |       |       |  |
| Brooder).....                                      | G 17.50 | 5.00 | 6.00  | 47.00 |  |
| 35-4-75 <sup>7</sup> .....                         | F 18.56 | 5.07 | 5.80  | 51.59 |  |
| Q-H Gold Bond Fattening Mash.....                  | G 14.00 | 5.00 | 6.00  | 54.00 |  |
| 35-4-76 <sup>7</sup> .....                         | F 16.94 | 5.42 | 4.26  | 57.61 |  |
| Q-H Reliable Dairy Feed, 16 % Protein.....         | G 16.00 | 3.50 | 12.00 | 43.00 |  |
| 35-4-77.....                                       | F 16.07 | 3.57 | 10.19 | 49.78 |  |
| Q-H Big Value Growing Mash.....                    | G 17.00 | 4.50 | 7.00  | 45.00 |  |
| 35-4-78 <sup>7</sup> .....                         | F 18.63 | 4.98 | 6.81  | 50.28 |  |
| Q-H Gold Bond Growing Mash.....                    | G 18.00 | 5.00 | 6.00  | 46.00 |  |
| 35-4-79 <sup>7</sup> .....                         | F 19.06 | 5.09 | 5.49  | 52.05 |  |
| Q-H Reliable Laying Mash.....                      | G 18.50 | 4.50 | 7.00  | 46.00 |  |
| 35-4-80 <sup>7</sup> .....                         | F 19.00 | 5.13 | 7.19  | 49.06 |  |
| Q-H Gold Bond Egg Mash.....                        | G 20.00 | 5.00 | 6.50  | 47.00 |  |
| 35-4-81 <sup>7</sup> .....                         | F 20.75 | 5.73 | 5.71  | 47.46 |  |
| Q-H Big Value Egg Mash.....                        | G 17.00 | 4.00 | 7.50  | 45.00 |  |
| 35-4-82 <sup>7</sup> .....                         | F 17.88 | 4.44 | 6.94  | 51.00 |  |
| Q-H Big Value Hen Scratch.....                     | G 10.00 | 3.50 | 3.00  | 65.00 |  |
| 35-4-83 <sup>7</sup> .....                         | F 11.38 | 3.49 | 2.02  | 69.67 |  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |  |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|--|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |  |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |  |
| Q-H Gold Bond Hen Scratch.....                                                            | G 10.00                        | 3.50 | 3.00  | 65.00  |  |
| 35-4-84 <sup>7</sup> .....                                                                | F 11.50                        | 3.51 | 2.04  | 70.10  |  |
| Q-H Big Value Chick Grains.....                                                           | G 10.00                        | 3.50 | 3.00  | 65.00  |  |
| 35-4-85 <sup>7</sup> .....                                                                | F 11.56                        | 2.63 | 1.34  | 65.05  |  |
| Q-H Gold Bond Developing Grains.....                                                      | G 10.00                        | 3.50 | 3.00  | 65.00  |  |
| 35-4-86 <sup>7</sup> .....                                                                | F 11.19                        | 3.53 | 1.89  | 70.83  |  |
| Q-H Reliable Pig Meal.....                                                                | G 23.00                        | 4.50 | 6.00  | 46.00  |  |
| 35-4-87.....                                                                              | F 23.31                        | 5.60 | 5.39  | 46.73  |  |
| Q-H Reliable Hog Fattener.....                                                            | G 20.00                        | 4.00 | 7.00  | 45.00  |  |
| 35-4-88.....                                                                              | F 21.25                        | 4.80 | 7.35  | 48.53  |  |
| Q-H Big Value Egg Mash.....                                                               | G 17.00                        | 4.00 | 7.50  | 45.00  |  |
| 35-8-96.....                                                                              | F 17.56                        | 4.94 | 7.41  | 51.30  |  |

**Racine Milling Co., Racine, Mo.**

|                                  |         |      |       |       |  |
|----------------------------------|---------|------|-------|-------|--|
| Raymilco Mixed Feed.....         | G 13.00 | 3.00 | 15.00 | 53.00 |  |
| 35-4-189 <sup>7</sup> .....      | F 15.81 | 4.03 | 9.88  | 51.92 |  |
| Raymilco Corn Chops.....         | G 9.25  | 3.40 | 3.60  | 71.37 |  |
| 35-4-190 <sup>4,5,18</sup> ..... | F 9.44  | 3.96 | 2.21  | 69.93 |  |

**Ralston Purina Co., St. Louis, Mo.**

|                                                |         |      |       |       |  |
|------------------------------------------------|---------|------|-------|-------|--|
| Purina Pig and Hog Chow (Southern States)..... | G 36.00 | 3.50 | 7.00  | 28.00 |  |
| 35-1-71 <sup>13</sup> .....                    | F 39.44 | 6.31 | 7.95  | 24.94 |  |
| Protana 24 % Dairy Feed.....                   | G 24.00 | 3.50 | 12.00 | 38.00 |  |
| 35-1-72 <sup>14</sup> .....                    | F 25.88 | 4.16 | 6.77  | 44.75 |  |
| Purina Lay Chow.....                           | G 19.00 | 3.50 | 8.00  | 44.00 |  |
| 35-1-83.....                                   | F 20.88 | 5.27 | 7.04  | 45.60 |  |
| Purina Chick Startena (Complete All Mash)..... | G 18.00 | 4.00 | 7.00  | 46.00 |  |
| 35-1-110.....                                  | F 21.31 | 5.85 | 3.74  | 45.78 |  |
| Purina Family Flock Ration.....                | G 15.00 | 3.50 | 8.00  | 47.00 |  |
| 35-1-123.....                                  | F 17.75 | 4.51 | 5.15  | 52.03 |  |
| Purina Hog Fatena.....                         | G 14.00 | 3.00 | 7.00  | 52.00 |  |
| 35-1-154.....                                  | F 16.44 | 5.22 | 5.68  | 54.60 |  |
| Purina Hog Fatena.....                         | G 14.00 | 3.00 | 7.00  | 52.00 |  |
| 35-2-27.....                                   | F 18.94 | 3.73 | 4.84  | 52.88 |  |
| Purina Hen Chow.....                           | G 10.00 | 2.50 | 4.00  | 65.00 |  |
| 35-2-159.....                                  | F 10.63 | 4.83 | 3.23  | 67.33 |  |
| Purina Lay Chow.....                           | G 19.00 | 3.50 | 8.00  | 44.00 |  |
| 35-2-162 <sup>14</sup> .....                   | F 19.56 | 3.23 | 7.20  | 47.33 |  |
| Purina Layena (Complete All Mash).....         | G 15.50 | 3.50 | 8.00  | 47.00 |  |
| 35-2-163 <sup>14</sup> .....                   | F 15.06 | 4.23 | 5.22  | 53.46 |  |
| Purina Chicken Fatena.....                     | G 12.00 | 3.00 | 6.60  | 58.00 |  |
| 35-2-166.....                                  | F 15.44 | 5.25 | 5.17  | 58.52 |  |
| Purina Green Checker Cow Chow 24 %.....        | G 24.00 | 3.00 | 12.00 | 40.00 |  |
| 35-2-167.....                                  | F 24.75 | 3.66 | 8.75  | 42.07 |  |
| Purina Lay Chow.....                           | G 19.00 | 3.50 | 8.00  | 44.00 |  |
| 35-2-180 <sup>14</sup> .....                   | F 21.63 | 3.87 | 5.80  | 45.80 |  |
| Purina Hen Chow.....                           | G 10.00 | 2.50 | 4.00  | 65.00 |  |
| 35-2-181.....                                  | F 11.13 | 3.99 | 2.65  | 68.59 |  |
| Purina Chick Startena (Complete All Mash)..... | G 18.00 | 4.00 | 7.00  | 46.00 |  |
| 35-2-182.....                                  | F 20.69 | 4.90 | 4.71  | 50.24 |  |
| Purina Green Checker Cow Chow.....             | G 24.00 | 3.00 | 12.00 | 40.00 |  |
| 35-2-184.....                                  | F 25.50 | 3.54 | 9.20  | 44.21 |  |
| Purina Family Flock Ration.....                | G 15.00 | 3.50 | 8.00  | 47.00 |  |
| 35-2-185 <sup>14</sup> .....                   | F 15.31 | 4.45 | 5.10  | 55.84 |  |
| Purina Lay Chow.....                           | G 19.00 | 3.50 | 8.00  | 44.00 |  |
| 35-2-186 <sup>14</sup> .....                   | F 20.81 | 4.11 | 5.82  | 47.83 |  |
| Purina Broiler Chow.....                       | G 18.00 | 4.00 | 7.00  | 46.00 |  |
| 35-2-188 <sup>14</sup> .....                   | F 20.50 | 4.77 | 4.80  | 50.52 |  |
| Purina Chick Chow (Fine).....                  | G 10.00 | 2.00 | 4.00  | 65.00 |  |
| 35-2-189.....                                  | F 13.38 | 3.20 | 1.87  | 67.81 |  |
| Purina Pig and Hog Chow (Southern States)..... | G 36.00 | 3.50 | 7.00  | 28.00 |  |
| 35-2-196 <sup>13</sup> .....                   | F 36.44 | 7.13 | 7.88  | 26.98 |  |
| Protana Feed (Grain and Roughage).....         | G 16.00 | 1.80 | 21.00 | 40.00 |  |
| 35-2-239 <sup>26</sup> .....                   | F 17.44 | 2.71 | 18.96 | 44.13 |  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |       |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|-------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber | N.F.E. |
| Protena 24 % Dairy Feed.....                                                              | G                              | 24.00   | 3.50  | 12.00 | 38.00  |
| 35-4-148.....                                                                             | F                              | 27.13   | 4.08  | 7.60  | 42.46  |
| Purina Pig and Hog Chow (Southern States).....                                            | G                              | 36.00   | 3.50  | 7.00  | 28.00  |
| 35-4-168 <sup>13</sup> .....                                                              | F                              | 36.81   | 10.91 | 6.53  | 25.91  |
| Purina Chick Startena.....                                                                | G                              | 18.00   | 4.00  | 7.00  | 46.00  |
| 35-4-170.....                                                                             | F                              | 22.00   | 5.23  | 5.21  | 50.18  |
| Protena Starting and Growing Feed.....                                                    | G                              | 16.00   | 3.50  | 7.00  | 46.00  |
| 35-4-208.....                                                                             | F                              | 16.63   | 5.04  | 6.65  | 52.24  |
| Purina Hen Chow.....                                                                      | G                              | 10.00   | 2.50  | 4.00  | 65.00  |
| 35-5-5.....                                                                               | F                              | 10.94   | 4.13  | 2.79  | 70.48  |
| Purina Red Checker Cow Chow 34 %.....                                                     | G                              | 34.00   | 3.50  | 12.00 | 28.00  |
| 35-5-6.....                                                                               | F                              | 36.00   | 5.16  | 9.09  | 32.66  |
| Purina Green Checker Cow Chow 24 %.....                                                   | G                              | 24.00   | 3.50  | 12.00 | 37.00  |
| 35-5-7.....                                                                               | F                              | 26.13   | 1.60  | 9.07  | 46.02  |
| Purina Pig and Hog Chow (Southern States).....                                            | G                              | 36.00   | 3.50  | 7.00  | 28.00  |
| 35-5-8 <sup>13</sup> .....                                                                | F                              | 38.56   | 6.92  | 6.25  | 29.58  |
| Purina Chick Startena.....                                                                | G                              | 18.00   | 4.00  | 7.00  | 46.00  |
| 35-5-10.....                                                                              | F                              | 21.31   | 5.92  | 4.35  | 51.66  |
| Purina Broiler Chow.....                                                                  | G                              | 18.00   | 4.00  | 7.00  | 46.00  |
| 35-5-11.....                                                                              | F                              | 19.88   | 5.88  | 4.99  | 52.20  |
| Purina Lay Chow.....                                                                      | G                              | 19.00   | 3.50  | 8.00  | 44.00  |
| 35-5-12.....                                                                              | F                              | 19.06   | 4.84  | 5.56  | 46.78  |
| Purina Bulky Las Chow.....                                                                | G                              | 9.00    | 1.30  | 18.00 | 45.00  |
| 35-5-13.....                                                                              | F                              | 12.19   | 2.97  | 10.89 | 51.94  |
| Purina Bulky Omolene.....                                                                 | G                              | 10.00   | 3.20  | 11.00 | 54.00  |
| 35-5-14.....                                                                              | F                              | 12.50   | 5.05  | 7.17  | 60.70  |
| Purina Blue Checker Steer Fatena.....                                                     | G                              | 12.00   | 1.20  | 19.00 | 45.00  |
| 35-5-15.....                                                                              | F                              | 13.38   | 3.49  | 19.76 | 48.46  |
| Purina Calf Starting Chow.....                                                            | G                              | 27.00   | 3.20  | 5.00  | 42.00  |
| 35-5-25.....                                                                              | F                              | 29.13   | 3.94  | 2.97  | 47.70  |
| Purina Calf Starting Chow.....                                                            | G                              | 27.00   | 3.20  | 5.00  | 42.00  |
| 35-5-216.....                                                                             | F                              | 30.38   | 3.66  | 3.94  | 44.85  |
| Purina Bulky Las Chow.....                                                                | G                              | 9.00    | 1.30  | 18.00 | 45.00  |
| 35-5-218.....                                                                             | F                              | 14.50   | 2.95  | 11.91 | 49.37  |
| Purina Heifer Growing Chow.....                                                           | G                              | 14.00   | 2.50  | 14.00 | 44.00  |
| 35-5-219.....                                                                             | F                              | 17.56   | 3.40  | 9.33  | 49.27  |
| Purina Lay Chow.....                                                                      | G                              | 19.00   | 3.50  | 8.00  | 44.00  |
| 35-5-221.....                                                                             | F                              | 22.19   | 5.06  | 5.17  | 44.93  |
| Purina Egg Chowder.....                                                                   | G                              | 19.00   | 3.50  | 8.00  | 44.00  |
| 35-5-222.....                                                                             | F                              | 22.56   | 5.08  | 7.04  | 44.25  |
| Purina Lay Chow.....                                                                      | G                              | 19.00   | 3.50  | 8.00  | 44.00  |
| 35-5-234.....                                                                             | F                              | 21.44   | 4.13  | 6.98  | 45.92  |
| Purina Pigeon Chow.....                                                                   | G                              | 15.50   | 2.00  | 4.00  | 63.00  |
| 35-5-235.....                                                                             | F                              | 16.88   | 3.46  | 2.91  | 61.61  |
| Purina Checker Chops.....                                                                 | G                              | 9.00    | 3.00  | 3.50  | 70.00  |
| 35-6-31.....                                                                              | F                              | 9.56    | 3.58  | 1.22  | 73.57  |
| Purina Green Checker Cow Chow (24 %).....                                                 | G                              | 24.00   | 3.50  | 12.00 | 37.00  |
| 35-6-70.....                                                                              | F                              | 26.13   | 4.15  | 8.47  | 41.81  |
| Purina Layena Complete Ration.....                                                        | G                              | 15.50   | 3.50  | 8.00  | 47.00  |
| 35-6-71.....                                                                              | F                              | 19.94   | 4.96  | 4.63  | 49.51  |
| Purina Chick Startena.....                                                                | G                              | 18.00   | 4.00  | 7.00  | 46.00  |
| 35-6-72.....                                                                              | F                              | 21.25   | 5.59  | 4.87  | 49.89  |
| Purina Lay Chow.....                                                                      | G                              | 19.00   | 3.50  | 8.00  | 44.00  |
| 35-6-73.....                                                                              | F                              | 19.69   | 3.78  | 4.86  | 49.73  |
| Purina Hen Chow.....                                                                      | G                              | 10.00   | 2.50  | 4.00  | 65.00  |
| 35-6-74.....                                                                              | F                              | 10.50   | 3.89  | 2.30  | 69.28  |
| Purina Chick Startena.....                                                                | G                              | 18.00   | 4.00  | 7.00  | 46.00  |
| 35-6-139.....                                                                             | F                              | 21.75   | 5.79  | 5.04  | 49.07  |
| Purina Chick Chow (Fine).....                                                             | G                              | 10.00   | 2.00  | 4.00  | 65.00  |
| 35-6-154.....                                                                             | F                              | 12.38   | 2.77  | 1.86  | 69.87  |
| Purina Chick Startena.....                                                                | G                              | 18.00   | 4.00  | 7.00  | 46.00  |
| 35-6-185.....                                                                             | F                              | 18.91   | 5.02  | 5.10  | 55.14  |
| Protena Red Kettle Horse and Mule Feed.....                                               | G                              | 9.00    | 3.00  | 10.00 | 56.00  |
| 35-6-187.....                                                                             | F                              | 11.13   | 4.04  | 4.81  | 63.57  |
| Purina Chick Growena.....                                                                 | G                              | 15.00   | 3.50  | 7.00  | 50.00  |
| 35-6-201.....                                                                             | F                              | 19.00   | 4.18  | 6.36  | 51.55  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| Purina Family Flock Ration.....                                                           | G                 | 15.00          | 3.50          | 8.00  | 47.00  |
| 35-6-203.....                                                                             | F                 | 15.19          | 3.73          | 6.49  | 57.28  |
| Purina Chick Startena.....                                                                | G                 | 18.00          | 4.00          | 7.00  | 46.00  |
| 35-6-205.....                                                                             | F                 | 18.50          | 4.74          | 4.93  | 53.46  |
| Purina Chick Chow (Fine).....                                                             | G                 | 10.00          | 2.00          | 4.00  | 65.00  |
| 35-6-215.....                                                                             | F                 | 12.94          | 3.29          | 1.84  | 64.78  |
| Purina Chick Growena.....                                                                 | G                 | 15.00          | 3.50          | 7.00  | 50.00  |
| 35-6-216.....                                                                             | F                 | 17.31          | 3.99          | 4.99  | 54.76  |
| Purina Chick Startena.....                                                                | G                 | 18.00          | 4.00          | 7.00  | 46.00  |
| 35-8-99.....                                                                              | F                 | 21.56          | 6.41          | 4.83  | 51.09  |
| Purina Chick Startena.....                                                                | G                 | 18.00          | 4.00          | 7.00  | 46.00  |
| 35-9-103.....                                                                             | F                 | 23.06          | 6.31          | 4.51  | 49.33  |
| Purina Chick Growena.....                                                                 | G                 | 15.00          | 3.50          | 7.00  | 50.00  |
| 35-9-104.....                                                                             | F                 | 20.63          | 4.54          | 5.17  | 53.05  |
| Purina Turkey Growing and Fattening Chow.....                                             | G                 | 21.00          | 3.50          | 8.00  | 43.00  |
| 35-9-105.....                                                                             | F                 | 24.88          | 5.95          | 5.12  | 45.29  |
| Purina Chick Chow (Fine).....                                                             | G                 | 10.00          | 2.00          | 4.00  | 65.00  |
| 35-9-108.....                                                                             | F                 | 12.31          | 3.89          | 1.92  | 69.29  |
| Purina Broiler Chow.....                                                                  | G                 | 18.00          | 4.00          | 7.00  | 46.00  |
| 35-9-109.....                                                                             | F                 | 22.31          | 5.23          | 4.88  | 45.49  |
| Purina Hen Chow.....                                                                      | G                 | 10.00          | 2.50          | 4.00  | 65.00  |
| 35-9-111.....                                                                             | F                 | 10.69          | 3.73          | 2.44  | 69.52  |
| Purina Bulky Omolene.....                                                                 | G                 | 10.00          | 3.20          | 11.00 | 54.00  |
| 35-9-145.....                                                                             | F                 | 12.75          | 3.82          | 7.37  | 59.97  |
| Purina Omolene.....                                                                       | G                 | 10.00          | 3.20          | 9.00  | 60.00  |
| 35-9-146.....                                                                             | F                 | 12.56          | 3.93          | 7.36  | 60.66  |
| Protena 16 % Dairy Feed (Southern States).....                                            | G                 | 16.00          | 3.00          | 16.00 | 40.00  |
| 35-10-148 <sup>8</sup> .....                                                              | F                 | 18.13          | 3.58          | 14.00 | 43.36  |
| Purina Chick Startena.....                                                                | G                 | 18.00          | 4.00          | 7.00  | 46.00  |
| 35-10-152.....                                                                            | F                 | 20.81          | 4.91          | 5.91  | 50.92  |
| Purina Chick Growena.....                                                                 | G                 | 15.00          | 3.50          | 7.00  | 50.00  |
| 35-10-153.....                                                                            | F                 | 18.94          | 4.46          | 5.00  | 55.70  |
| Purina Hen Chow.....                                                                      | G                 | 10.00          | 2.50          | 4.00  | 65.00  |
| 35-10-154.....                                                                            | F                 | 11.81          | 3.41          | 2.71  | 69.19  |
| Purina Broiler Chow.....                                                                  | G                 | 18.00          | 4.00          | 7.00  | 46.00  |
| 35-10-155.....                                                                            | F                 | 19.94          | 5.36          | 5.88  | 52.82  |
| Purina Turkey Growing and Fattening Chow.....                                             | G                 | 21.00          | 3.50          | 8.00  | 43.00  |
| 35-10-156.....                                                                            | F                 | 22.38          | 4.76          | 5.20  | 50.96  |
| Purina Turkey Startena.....                                                               | G                 | 26.00          | 4.50          | 6.00  | 38.00  |
| 35-10-157.....                                                                            | F                 | 27.88          | 5.95          | 4.76  | 44.15  |
| Purina Omolene.....                                                                       | G                 | 10.00          | 3.20          | 9.00  | 60.00  |
| 35-11-66.....                                                                             | F                 | 12.56          | 4.88          | 7.41  | 59.66  |
| Purina Lay Chow.....                                                                      | G                 | 19.00          | 3.50          | 8.00  | 44.00  |
| 35-11-103 <sup>29</sup> .....                                                             | F                 | 18.88          | 4.45          | 6.18  | 49.42  |
| Purina Blue Checker Steer Fatena.....                                                     | G                 | 12.00          | 1.20          | 19.00 | 45.00  |
| 35-11-104.....                                                                            | F                 | 12.31          | 3.69          | 19.72 | 48.90  |
| Purina Turkey Growing and Fattening Chow.....                                             | G                 | 21.00          | 3.50          | 8.00  | 43.00  |
| 35-11-183.....                                                                            | F                 | 25.50          | 3.90          | 5.21  | 48.58  |
| Purina Turkey Growing and Fattening Chow.....                                             | G                 | 21.00          | 3.50          | 8.00  | 43.00  |
| 35-11-184.....                                                                            | F                 | 23.69          | 3.70          | 5.38  | 50.62  |
| Purina Lay Chow.....                                                                      | G                 | 19.00          | 3.50          | 8.00  | 44.00  |
| 35-12-132 <sup>29</sup> .....                                                             | F                 | 19.19          | 4.57          | 6.78  | 48.36  |
| Purina Green Checker Cow Chow (24 %).....                                                 | G                 | 24.00          | 3.50          | 12.00 | 37.00  |
| 35-12-133.....                                                                            | F                 | 26.69          | 4.70          | 10.34 | 40.22  |
| <b>Phil Ratliff, Neosho, Mo.</b>                                                          |                   |                |               |       |        |
| Missouri Laying Mash.....                                                                 | G                 | 19.00          | 3.75          | 9.25  | 44.00  |
| 35-4-30 <sup>7,13</sup> .....                                                             | F                 | 19.00          | 5.15          | 4.87  | 54.20  |
| Blue Label Screened Corn Chop.....                                                        | G                 | 9.00           | 3.50          | 5.00  | 53.00  |
| 35-4-31.....                                                                              | F                 | 9.06           | 3.82          | 1.71  | 70.87  |
| Economy Dairy Feed.....                                                                   | G                 | 15.00          | 3.00          | 9.70  | 49.00  |
| 35-4-32 <sup>26</sup> .....                                                               | F                 | 15.81          | 3.96          | 6.87  | 55.06  |
| Red Label Dairy Feed.....                                                                 | G                 | 14.00          | 3.70          | 12.00 | 48.00  |
| 35-4-33.....                                                                              | F                 | 18.19          | 4.23          | 8.09  | 52.36  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |        |       |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------|-------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |        |       |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E. |       |
| Missouri Chick Mash.....                                                                  | G                 | 14.50          | 3.50          | 5.30   | 49.10 |
| 35-4-34 <sup>13</sup> .....                                                               | F                 | 17.25          | 5.29          | 2.87   | 54.11 |
| Blue Label Chick Grain.....                                                               | G                 | 10.00          | 3.50          | 5.00   | 53.00 |
| 35-4-35 <sup>4,5,6</sup> .....                                                            | F                 | 10.56          | 3.51          | 1.86   | 71.02 |
| Blue Label Laying Mash.....                                                               | G                 | 18.00          | 3.50          | 8.00   | 50.00 |
| 35-4-36 <sup>13</sup> .....                                                               | F                 | 18.31          | 4.97          | 5.95   | 51.27 |
| Red Label Laying Mash.....                                                                | G                 | 16.00          | 3.50          | 8.00   | 51.00 |
| 35-4-37 <sup>13</sup> .....                                                               | F                 | 15.55          | 4.26          | 4.84   | 57.72 |
| Blue Label Scratch Feed.....                                                              | G                 | 11.00          | 3.50          | 5.00   | 52.00 |
| 35-4-38 <sup>4,5,6,9</sup> .....                                                          | F                 | 11.25          | 4.03          | 2.23   | 68.93 |
| Blue Label Poultry Fattener.....                                                          | G                 | 13.00          | 4.50          | 6.00   | 50.00 |
| 35-4-39 <sup>1,2</sup> .....                                                              | F                 | 12.56          | 4.71          | 6.44   | 61.71 |
| Hominy Feed.....                                                                          | G                 | 10.00          | 7.00          | 7.00   | 60.00 |
| 35-4-40 <sup>1,2</sup> .....                                                              | F                 | 9.69           | 7.51          | 6.26   | 62.20 |
| Missouri Growing Mash.....                                                                | G                 | 17.50          | 3.20          | 6.40   | 46.60 |
| 35-4-41 <sup>13</sup> .....                                                               | F                 | 18.75          | 5.09          | 4.24   | 51.46 |
| Blue Label Horse and Mule Feed.....                                                       | G                 | 8.00           | 5.00          | 12.00  | 51.00 |
| 35-4-42.....                                                                              | F                 | 10.06          | 4.35          | 8.27   | 59.58 |
| <b>Raymondville Milling Co., Raymondville, Mo.</b>                                        |                   |                |               |        |       |
| Ozark Supreme Poultry Mash.....                                                           | G                 | 17.45          | 3.61          | 8.00   | 48.90 |
| 35-3-107 <sup>18</sup> .....                                                              | F                 | 18.38          | 5.16          | 5.63   | 52.39 |
| Ozark Supreme Dairy Feed.....                                                             | G                 | 12.40          | 3.50          | 9.80   | 53.40 |
| 35-3-108 <sup>18</sup> .....                                                              | F                 | 12.75          | 5.45          | 7.10   | 60.43 |
| Ozark Supreme Wheat Mixed Feed.....                                                       | G                 | 16.00          | 3.00          | 8.50   | 52.00 |
| 35-3-109 <sup>18</sup> .....                                                              | F                 | 16.06          | 4.46          | 7.54   | 56.28 |
| <b>Rea and Page Milling Co., Marshall, Mo.</b>                                            |                   |                |               |        |       |
| Soft Wheat Bran with Ground Wheat Screenings,<br>not Exceeding 8 %.....                   | G                 | 14.00          | 3.00          | 12.00  | 52.00 |
| 35-2-131 <sup>4,5,18</sup> .....                                                          | F                 | 16.81          | 3.82          | 8.82   | 53.50 |
| Soft Wheat Gray Shorts with Ground Wheat Screen-<br>ings, not Exceeding 8 %.....          | G                 | 16.00          | 4.00          | 6.00   | 54.00 |
| 35-2-132.....                                                                             | F                 | 18.63          | 4.90          | 5.98   | 54.96 |
| Corn Feed Meal.....                                                                       | G                 | 9.00           | 4.50          | 2.25   | 65.00 |
| 35-2-133.....                                                                             | F                 | 10.00          | 5.65          | 4.07   | 67.88 |
| Soft Wheat Mixed Feed with Ground Wheat Screen-<br>ings, not Exceeding 8 %.....           | G                 | 15.50          | 3.55          | 8.50   | 53.00 |
| 35-2-134.....                                                                             | F                 | 18.00          | 3.95          | 7.77   | 53.93 |
| Corn Bran.....                                                                            | G                 | 9.00           | 4.50          | 10.50  | 61.50 |
| 35-2-135.....                                                                             | F                 | 10.75          | 8.24          | 6.82   | 61.35 |
| Jumbo Egg Mash.....                                                                       | G                 | 18.00          | 4.00          | 7.00   | 45.00 |
| 35-2-137.....                                                                             | F                 | 19.56          | 5.48          | 6.34   | 49.54 |
| Maud S 18 % Laying Mash.....                                                              | G                 | 18.00          | 4.50          | 6.00   | 50.00 |
| 35-2-138.....                                                                             | F                 | 18.25          | 5.28          | 6.04   | 49.77 |
| Soft Wheat Gray Shorts with Ground Wheat Screen-<br>ings, not Exceeding 8 %.....          | G                 | 16.00          | 4.00          | 6.00   | 54.00 |
| 35-5-58.....                                                                              | F                 | 19.75          | 5.14          | 6.16   | 53.53 |
| Soft Wheat Bran with Ground Wheat Screenings,<br>not Exceeding 8 %.....                   | G                 | 14.00          | 3.00          | 12.00  | 52.00 |
| 35-5-59 <sup>4,5,18</sup> .....                                                           | F                 | 17.88          | 3.16          | 9.22   | 52.39 |
| Soft Wheat Mixed Feed with Ground Wheat Screen-<br>ings, not Exceeding 8 %.....           | G                 | 15.50          | 3.25          | 8.50   | 53.00 |
| 35-5-60.....                                                                              | F                 | 17.38          | 3.79          | 8.00   | 53.98 |
| Jumbo Chick Mash.....                                                                     | G                 | 16.00          | 4.50          | 6.00   | 50.00 |
| 35-5-61.....                                                                              | F                 | 17.94          | 5.24          | 6.50   | 48.54 |
| Jumbo Egg Mash.....                                                                       | G                 | 18.00          | 4.00          | 7.00   | 45.00 |
| 35-5-62.....                                                                              | F                 | 21.88          | 4.54          | 6.41   | 44.81 |
| Maud S 18 % Laying Mash.....                                                              | G                 | 18.00          | 4.50          | 6.00   | 50.00 |
| 35-5-63.....                                                                              | F                 | 19.50          | 4.75          | 5.59   | 49.65 |
| Maud S Chick Mash.....                                                                    | G                 | 17.00          | 4.50          | 5.50   | 45.00 |
| 35-5-64.....                                                                              | F                 | 17.88          | 5.83          | 5.46   | 51.55 |
| Soft Wheat Mixed Feed with Ground Wheat Screen-<br>ings, not Exceeding 8 %.....           | G                 | 15.50          | 3.25          | 8.50   | 53.00 |
| 35-12-223 <sup>22</sup> .....                                                             | F                 | 16.25          | 4.64          | 7.92   | 54.66 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                              |         |                  |
|-------------------------------------------------------------------------------------------|-------------------|------------------------------|---------|------------------|
|                                                                                           | %                 | Guaranteed (G) and Found (F) | Protein | Fat Fiber N.F.E. |
| Soft Wheat Gray Shorts with Ground Wheat Screenings, not Exceeding 8 %.....               | G                 | 16.00                        | 4.00    | 6.00 54.00       |
| 35-12-224 <sup>22</sup> .....                                                             | F                 | 18.56                        | 5.35    | 7.07 53.97       |
| Soft Wheat Bran with Ground Wheat Screenings, not Exceeding 8 %.....                      | G                 | 14.00                        | 3.00    | 12.00 52.00      |
| 35-12-225 <sup>4,5,22</sup> .....                                                         | F                 | 16.56                        | 4.23    | 10.01 52.19      |
| Jumbo Egg Mash.....                                                                       | G                 | 18.00                        | 4.00    | 7.00 45.50       |
| 35-12-226.....                                                                            | F                 | 17.48                        | 4.30    | 4.88 53.29       |
| Maud S 18 % Laying Mash.....                                                              | G                 | 18.00                        | 4.50    | 6.00 50.00       |
| 35-12-227.....                                                                            | F                 | 17.42                        | 4.53    | 4.88 54.87       |
| Maud S Turkey Growing Mash.....                                                           | G                 | 21.00                        | 3.50    | 6.50 40.00       |
| 35-12-228.....                                                                            | F                 | 21.13                        | 5.48    | 5.31 47.01       |
| Jumbo Growing Mash.....                                                                   | G                 | 16.00                        | 4.50    | 6.00 50.00       |
| 35-12-229.....                                                                            | F                 | 17.31                        | 5.07    | 4.68 55.23       |
| <b>Red Star Milling Co., Wichita, Kan.</b>                                                |                   |                              |         |                  |
| Red Star Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run (8 %)..... | G                 | 16.00                        | 4.00    | 8.50 52.00       |
| 35-1-209 <sup>22</sup> .....                                                              | F                 | 18.69                        | 4.84    | 8.43 51.42       |
| Red Star Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run (8 %).....       | G                 | 15.00                        | 3.75    | 10.00 50.00      |
| 35-2-66 <sup>22</sup> .....                                                               | F                 | 18.44                        | 4.40    | 9.65 51.96       |
| Red Star Wheat Bran and Ground Wheat Screenings, not Exceeding Mill-run (8 %).....        | G                 | 15.00                        | 3.75    | 10.00 50.00      |
| 35-2-89.....                                                                              | F                 | 17.56                        | 4.35    | 10.44 49.70      |
| <b>Reichert Milling Co., Freeburg, Ill.</b>                                               |                   |                              |         |                  |
| Wheat Bran.....                                                                           | G                 | 15.50                        | 3.75    | 9.00 45.00       |
| 35-9-124.....                                                                             | F                 | 14.81                        | 3.85    | 10.97 52.31      |
| Fancy Wheat Brown Middlings.....                                                          | G                 | 16.00                        | 4.00    | 6.50 56.00       |
| 35-9-125 <sup>13</sup> .....                                                              | F                 | 17.00                        | 5.06    | 5.73 57.05       |
| <b>Resler Brothers Milling Co., Pineville, Mo.</b>                                        |                   |                              |         |                  |
| Dairy Feed.....                                                                           | G                 | 12.00                        | 4.00    | 14.00 59.00      |
| 35-3-31 <sup>2</sup> .....                                                                | F                 | 12.19                        | 3.69    | 14.48 51.78      |
| <b>W. L. Rhodes, Puxico, Mo.</b>                                                          |                   |                              |         |                  |
| Wheat Mixed Feed.....                                                                     | G                 | 14.00                        | 3.00    | 6.50 59.00       |
| 35-4-139 <sup>1,2</sup> .....                                                             | F                 | 14.56                        | 3.19    | 6.15 59.38       |
| <b>Rice Milling Co., Lamar, Mo.</b>                                                       |                   |                              |         |                  |
| Hargrove Laying Mash.....                                                                 | G                 | 18.00                        | 4.00    | 7.00 50.00       |
| 35-9-221 <sup>13,18</sup> .....                                                           | F                 | 19.38                        | 4.80    | 6.38 48.47       |
| Hargrove's Laying Mash.....                                                               | G                 | 18.00                        | 4.00    | 7.00 50.00       |
| 35-11-118 <sup>13,18</sup> .....                                                          | F                 | 20.19                        | 4.34    | 5.15 48.35       |
| <b>George Rinehart, Seneca, Mo.</b>                                                       |                   |                              |         |                  |
| Rinehart Laying Mash.....                                                                 | G                 | 18.00                        | 3.50    | 8.00 50.00       |
| 35-4-186 <sup>13</sup> .....                                                              | F                 | 17.94                        | 5.09    | 5.90 52.73       |
| <b>Ritchey Milling Co., Ritchey, Mo.</b>                                                  |                   |                              |         |                  |
| B. B. Laying Mash.....                                                                    | G                 | 16.00                        | 3.00    | 11.00 56.00      |
| 35-4-45.....                                                                              | F                 | 18.25                        | 4.61    | 7.90 47.81       |
| Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run.....                | G                 | 14.25                        | 4.35    | 7.50 55.00       |
| 35-4-46 <sup>7, 22</sup> .....                                                            | F                 | 15.06                        | 4.21    | 7.39 56.57       |
| <b>Robinson Bros. Milling Co., Patton, Mo.</b>                                            |                   |                              |         |                  |
| Soft Wheat Bran and Ground Wheat Screenings, not Exceeding Mill-run.....                  | G                 | 16.75                        | 4.59    | 7.67 53.82       |
| 35-6-48 <sup>2</sup> .....                                                                | F                 | 16.06                        | 4.19    | 6.99 55.02       |
| Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding Mill-run.....                | G                 | 13.50                        | 3.50    | 6.00 55.00       |
| 35-6-49 <sup>2</sup> .....                                                                | F                 | 14.25                        | 3.16    | 1.90 65.95       |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| <b>Robnson Milling Co., Salina, Kan.</b>                                                  |                                |         |      |              |
| Wheat Bran and Ground Wheat Screenings, not to Exceed 8 % Wheat Screenings.....           | G                              | 14.50   | 3.50 | 11.00 47.00  |
| 35-2-144 <sup>7,8</sup> .....                                                             | F                              | 15.63   | 3.89 | 10.62 51.05  |
| Pure Gray Wheat Shorts.....                                                               | G                              | 17.50   | 3.50 | 6.00 55.00   |
| 35-12-24 <sup>7,9,24</sup> .....                                                          | F                              | 18.00   | 5.81 | 5.38 55.45   |
| Wheat Bran with Ground Wheat Screenings, not Exceeding 8 % Wheat Screenings.....          | G                              | 14.50   | 3.50 | 11.00 47.00  |
| 35-12-25 <sup>3</sup> .....                                                               | F                              | 15.81   | 4.15 | 11.19 50.17  |
| <b>Rocheport Mill and Elev., Rocheport, Mo.</b>                                           |                                |         |      |              |
| Canole's Laying Mash.....                                                                 | G                              | 18.00   | 4.50 | 6.00 50.00   |
| 35-4-211.....                                                                             | F                              | 18.19   | 5.04 | 4.54 54.17   |
| Canole's Egg Mash.....                                                                    | G                              | 19.00   | 3.50 | 8.00 44.00   |
| 35-4-212 <sup>7</sup> .....                                                               | F                              | 19.31   | 4.83 | 5.72 49.15   |
| Canole's Dairy Feed.....                                                                  | G                              | 15.00   | 3.50 | 8.50 54.00   |
| 35-4-213 <sup>7,8</sup> .....                                                             | F                              | 16.81   | 4.16 | 5.13 59.53   |
| Canole's Egg Mash.....                                                                    | G                              | 19.00   | 3.50 | 8.00 44.00   |
| 35-11-86 <sup>7</sup> .....                                                               | F                              | 24.31   | 4.95 | 4.90 45.89   |
| Canole's Dairy Feed.....                                                                  | G                              | 15.00   | 3.50 | 8.50 54.00   |
| 35-11-87 <sup>7</sup> .....                                                               | F                              | 17.38   | 3.60 | 4.97 56.97   |
| Canole's 18 % Laying Mash.....                                                            | G                              | 18.00   | 4.50 | 6.00 50.00   |
| 35-11-88.....                                                                             | F                              | 17.73   | 4.97 | 4.32 54.73   |
| Canole's Growing Mash.....                                                                | G                              | 16.00   | 4.50 | 6.00 50.00   |
| 35-11-89.....                                                                             | F                              | 17.38   | 4.79 | 3.38 57.40   |
| <b>Rodney Milling Co., Kansas City, Mo.</b>                                               |                                |         |      |              |
| Jersey Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding 3 %.....              | G                              | 17.00   | 3.50 | 6.00 55.00   |
| 35-3-142 <sup>22</sup> .....                                                              | F                              | 21.94   | 5.15 | 6.52 48.59   |
| Heart of America Pure Wheat Bran.....                                                     | G                              | 16.50   | 3.00 | 10.00 50.00  |
| 35-3-143.....                                                                             | F                              | 17.94   | 4.35 | 9.24 50.10   |
| Wheat Red Dog.....                                                                        | G                              | 14.00   | 2.00 | 4.00 67.00   |
| 35-3-144.....                                                                             | F                              | 16.69   | 2.41 | 0.80 66.75   |
| Wheat Mixed Feed and Ground Wheat Screenings, not Exceeding 5 %.....                      | G                              | 16.50   | 3.50 | 8.50 52.50   |
| 35-3-145 <sup>22</sup> .....                                                              | F                              | 18.63   | 4.05 | 7.58 52.37   |
| <b>J. C. Roever Feed and Milling Co., St. Louis, Mo.</b>                                  |                                |         |      |              |
| Chicken Dinner Hen Feed.....                                                              | G                              | 9.00    | 2.50 | 4.00 60.00   |
| 35-5-232.....                                                                             | F                              | 11.13   | 3.36 | 3.19 67.01   |
| O Joy Hen Feed.....                                                                       | G                              | 9.00    | 2.50 | 4.00 60.00   |
| 35-5-233.....                                                                             | F                              | 11.00   | 3.40 | 2.69 68.02   |
| <b>R. V. Rogers, Perry, Mo.</b>                                                           |                                |         |      |              |
| R. V. Rogers O. K. Egg Mash.....                                                          | G                              | 18.00   | 3.50 | 8.50 47.00   |
| 35-10-115 <sup>13</sup> .....                                                             | F                              | 20.06   | 5.29 | 7.29 48.91   |
| New Deal All Mash Starter and Grower.....                                                 | G                              | 16.00   | 4.50 | 6.00 50.00   |
| 35-10-116.....                                                                            | F                              | 19.88   | 5.76 | 5.90 50.81   |
| New Deal Pig Starting and Weaning Mash.....                                               | G                              | 17.50   | 3.75 | 6.00 44.00   |
| 35-10-117 <sup>10</sup> .....                                                             | F                              | 18.44   | 5.63 | 5.80 51.11   |
| New Deal All Mash Starter and Grower.....                                                 | G                              | 16.00   | 4.50 | 6.00 50.00   |
| 35-12-81.....                                                                             | F                              | 17.94   | 6.98 | 5.53 51.87   |
| R. V. Rogers O. K. Egg Mash.....                                                          | G                              | 18.00   | 3.50 | 8.50 47.00   |
| 35-12-82 <sup>13</sup> .....                                                              | F                              | 19.38   | 6.38 | 6.89 48.95   |
| New Deal Pig Starting and Weaning Mash.....                                               | G                              | 17.50   | 3.50 | 6.00 44.00   |
| 35-12-83.....                                                                             | F                              | 20.13   | 6.98 | 6.43 47.48   |
| <b>Rosebud Feed Co., Rosebud, Mo.</b>                                                     |                                |         |      |              |
| Kartall O. K. Laying Mash.....                                                            | G                              | 18.00   | 4.00 | 8.00 48.00   |
| 35-8-209.....                                                                             | F                              | 17.44   | 4.27 | 7.50 52.82   |
| Kartall 16 % Dairy Feed.....                                                              | G                              | 16.00   | 3.00 | 15.00 45.00  |
| 35-8-210.....                                                                             | F                              | 20.25   | 3.67 | 12.51 46.80  |
| Kartall Growing Mash.....                                                                 | G                              | 19.00   | 4.00 | 8.00 45.00   |
| 35-8-211.....                                                                             | F                              | 19.56   | 4.84 | 6.85 50.83   |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| Kartall All Mash Chick Starter.....                                                       | G 18.00                        | 4.00 | 7.00  | 48.00  |
| 35-8-212.....                                                                             | F 19.63                        | 5.32 | 5.00  | 52.42  |
| Kartall Big Chick Scratch Feed.....                                                       | G 10.00                        | 2.00 | 4.00  | 68.00  |
| 35-8-213.....                                                                             | F 11.31                        | 2.00 | 1.97  | 70.89  |
| Kartall Hen Scratch Feed.....                                                             | G 10.00                        | 2.50 | 4.00  | 65.00  |
| 35-8-214.....                                                                             | F 11.63                        | 3.43 | 2.23  | 67.73  |
| Kartall Turkey Starter Mash.....                                                          | G 26.00                        | 5.00 | 6.00  | 48.00  |
| 35-8-215.....                                                                             | F 26.38                        | 6.13 | 4.41  | 43.63  |
| <b>Glen Rosenbaum, Trenton, Mo.</b>                                                       |                                |      |       |        |
| R. C. All-Mash Chick Feed.....                                                            | G 16.00                        | 4.50 | 5.00  | 55.00  |
| 35-10-48 <sup>13</sup> .....                                                              | F 17.63                        | 4.71 | 4.51  | 57.68  |
| R. C. Growing Mash.....                                                                   | G 17.00                        | 5.00 | 5.50  | 54.00  |
| 35-10-49 <sup>8,9,13</sup> .....                                                          | F 18.31                        | 5.11 | 4.81  | 55.69  |
| R. C. All-Mash Egg Ration.....                                                            | G 16.00                        | 4.50 | 6.00  | 56.00  |
| 35-10-50 <sup>13,22</sup> .....                                                           | F 16.44                        | 5.06 | 4.77  | 58.12  |
| R. C. Dairy Feed.....                                                                     | G 16.00                        | 5.00 | 9.00  | 52.00  |
| 35-12-241 <sup>2</sup> .....                                                              | F 16.56                        | 4.31 | 7.52  | 54.49  |
| Missouri Formula Laying Mash.....                                                         | G 20.00                        | 5.00 | 7.00  | 47.00  |
| 35-12-242 <sup>18,22</sup> .....                                                          | F 22.94                        | 5.85 | 4.88  | 47.07  |
| R. C. Laying Mash.....                                                                    | G 18.00                        | 4.50 | 6.00  | 51.00  |
| 35-12-243 <sup>13,33</sup> .....                                                          | F 18.44                        | 4.70 | 6.27  | 53.26  |
| R. C. All-Mash Egg Ration.....                                                            | G 16.00                        | 4.50 | 6.00  | 56.00  |
| 35-12-244 <sup>13,22</sup> .....                                                          | F 16.57                        | 4.72 | 5.27  | 57.00  |
| <b>Rothermel Brothers Flour and Feed Co., Springfield, Mo.</b>                            |                                |      |       |        |
| Economy Laying Mash.....                                                                  | G 18.00                        | 4.00 | 9.00  | 50.00  |
| 35-1-202 <sup>4,5</sup> .....                                                             | F 16.41                        | 5.70 | 6.46  | 50.46  |
| Purity Laying Mash.....                                                                   | G 18.00                        | 4.00 | 7.00  | 50.00  |
| 35-1-203 <sup>4,5</sup> .....                                                             | F 19.94                        | 5.93 | 6.44  | 54.06  |
| Purity Hen Scratch.....                                                                   | G 10.00                        | 3.50 | 5.00  | 62.00  |
| 35-1-204 <sup>4,5,18</sup> .....                                                          | F 10.64                        | 4.27 | 1.83  | 69.27  |
| Purity Mixed Feed.....                                                                    | G 12.00                        | 4.00 | 7.00  | 56.00  |
| 35-1-205 <sup>4,5</sup> .....                                                             | F 15.88                        | 4.30 | 9.40  | 53.66  |
| Screened Yellow Corn Chop.....                                                            | G 9.00                         | 3.50 | 3.50  | 65.00  |
| 35-1-206 <sup>4,5</sup> .....                                                             | F 9.00                         | 4.50 | 1.50  | 71.14  |
| Yellow Corn Feed Meal.....                                                                | G 10.00                        | 4.00 | 5.00  | 60.00  |
| 35-1-207 <sup>4,5</sup> .....                                                             | F 9.38                         | 4.34 | 2.68  | 69.53  |
| Economy Laying Mash.....                                                                  | G 18.00                        | 4.00 | 9.00  | 50.00  |
| 35-12-108 <sup>4,5,14</sup> .....                                                         | F 17.88                        | 4.87 | 6.43  | 52.66  |
| Purity Hen Scratch.....                                                                   | G 10.00                        | 3.50 | 5.00  | 62.00  |
| 35-12-109 <sup>4,5,18</sup> .....                                                         | F 10.94                        | 3.77 | 1.93  | 69.94  |
| Purity Laying Mash.....                                                                   | G 18.00                        | 4.00 | 7.00  | 50.00  |
| 35-12-110 <sup>4,5,14</sup> .....                                                         | F 19.38                        | 5.75 | 6.18  | 50.77  |
| Purity Mixed Feed.....                                                                    | G 12.00                        | 4.00 | 7.00  | 56.00  |
| 35-12-111 <sup>4,5</sup> .....                                                            | F 14.94                        | 5.44 | 8.22  | 55.45  |
| Screened Yellow Corn Chop.....                                                            | G 9.00                         | 3.50 | 3.50  | 65.00  |
| 35-12-112 <sup>4,5</sup> .....                                                            | F 10.00                        | 4.95 | 1.52  | 69.67  |
| Yellow Corn Feed Meal.....                                                                | G 10.00                        | 4.00 | 5.00  | 60.00  |
| 35-12-113 <sup>4,5</sup> .....                                                            | F 10.38                        | 4.89 | 2.36  | 68.88  |
| <b>Rudy Patrick Seed Co., Kansas City, Mo.</b>                                            |                                |      |       |        |
| Atlas Chick All Mash.....                                                                 | G 16.00                        | 4.50 | 5.50  | 55.00  |
| 35-3-225 <sup>13,14</sup> .....                                                           | F 17.84                        | 6.09 | 5.00  | 51.54  |
| Oh Boy Farm and Home Mash Mix.....                                                        | G 17.00                        | 3.50 | 8.00  | 50.00  |
| 35-3-226.....                                                                             | F 16.96                        | 5.62 | 4.43  | 53.25  |
| Oh Boy Fowl Fat 'Em.....                                                                  | G 10.00                        | 4.50 | 5.00  | 55.50  |
| 35-3-227 <sup>14</sup> .....                                                              | F 14.03                        | 5.56 | 3.21  | 62.48  |
| Oh Boy Calf Start 'Em and Grow 'Em.....                                                   | G 23.00                        | 3.00 | 4.00  | 50.00  |
| 35-3-228.....                                                                             | F 20.78                        | 5.41 | 4.33  | 50.86  |
| R-P. Everyday Scratch Grains.....                                                         | G 10.00                        | 2.50 | 4.50  | 60.50  |
| 35-3-229 <sup>8,10</sup> .....                                                            | F 11.15                        | 4.69 | 2.23  | 69.87  |
| Oh Boy Chick Start 'Em with Malted Milk.....                                              | G 17.00                        | 4.50 | 5.00  | 50.00  |
| 35-3-230.....                                                                             | F 21.53                        | 5.48 | 6.35  | 44.62  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) |   | Chemical Analyses<br>% Guaranteed (G) and Found (F)<br>Protein      Fat      Fiber      N.F.E. |      |       |       |
|-------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------|------|-------|-------|
| Rudy-Patrick Everyday Chick Grains.....                                                   | G | 10.00                                                                                          | 3.00 | 4.50  | 60.50 |
| 35-3-231 <sup>8</sup> .....                                                               | F | 11.65                                                                                          | 3.83 | 2.92  | 67.93 |
| Oh Boy Milk Make 'Em Sweetened 16 % Protein....                                           | G | 16.00                                                                                          | 4.00 | 12.00 | 46.00 |
| 35-3-232 <sup>8</sup> .....                                                               | F | 13.83                                                                                          | 2.91 | 9.05  | 52.40 |
| Oh Boy Carbo Feed.....                                                                    | G | 12.00                                                                                          | 3.00 | 11.00 | 54.00 |
| 35-3-233.....                                                                             | F | 11.30                                                                                          | 3.36 | 9.12  | 53.81 |
| Oh Boy All Mash Chick Starter with Malted Milk...                                         | G | 17.00                                                                                          | 4.50 | 5.00  | 50.00 |
| 35-8-144 <sup>9,14</sup> .....                                                            | F | 19.88                                                                                          | 4.29 | 6.25  | 47.40 |
| <b>Russell Milling Co., Russell, Kan.</b>                                                 |   |                                                                                                |      |       |       |
| Kansas Gray Wheat Shorts and Ground Wheat<br>Screenings, not Exceeding 3 %.....           | G | 16.00                                                                                          | 3.50 | 5.50  | 55.00 |
| 35-1-31 <sup>18</sup> .....                                                               | F | 18.69                                                                                          | 4.31 | 4.90  | 56.07 |
| Pure Wheat Bran.....                                                                      | G | 14.50                                                                                          | 3.50 | 11.00 | 47.00 |
| 35-1-32 <sup>18</sup> .....                                                               | G | 18.50                                                                                          | 4.71 | 8.66  | 49.94 |
| Kansas Gray Wheat Shorts and Ground Wheat<br>Screenings, not Exceeding 3 %.....           | G | 16.00                                                                                          | 3.50 | 5.50  | 55.00 |
| 35-7-16 <sup>14</sup> .....                                                               | F | 18.50                                                                                          | 3.95 | 5.29  | 57.29 |
| <b>Russellville Farmers Shipping Assn., Russellville,<br/>Mo.</b>                         |   |                                                                                                |      |       |       |
| Farm Club Growing Mash.....                                                               | G | 17.00                                                                                          | 3.50 | 6.00  | 45.00 |
| 35-11-249.....                                                                            | F | 20.75                                                                                          | 6.65 | 6.12  | 46.53 |
| Farm Club Laying Mash.....                                                                | G | 20.00                                                                                          | 4.00 | 6.00  | 45.00 |
| 35-11-250.....                                                                            | F | 21.13                                                                                          | 6.21 | 6.39  | 47.21 |
| <b>Salem Produce Co., Salem, Mo.</b>                                                      |   |                                                                                                |      |       |       |
| Best Yet Growing Mash.....                                                                | G | 16.00                                                                                          | 4.00 | 5.50  | 53.00 |
| 35-8-241 <sup>4,5</sup> .....                                                             | F | 17.31                                                                                          | 4.13 | 5.08  | 55.80 |
| Uno Egg Mash.....                                                                         | G | 17.50                                                                                          | 4.20 | 8.50  | 50.00 |
| 35-8-242 <sup>4,5</sup> .....                                                             | F | 19.50                                                                                          | 4.30 | 6.50  | 50.03 |
| Best Yet Egg Mash.....                                                                    | G | 20.00                                                                                          | 4.50 | 8.00  | 48.00 |
| 35-8-243 <sup>4,5</sup> .....                                                             | F | 22.81                                                                                          | 4.57 | 6.37  | 45.37 |
| <b>Sarcoile Milling Co., Sarcoile, Mo.</b>                                                |   |                                                                                                |      |       |       |
| Soft Wheat Mixed Feed with Ground Wheat Screen-<br>ings, not Exceeding Mill-run.....      | G | 15.00                                                                                          | 3.50 | 8.50  | 52.00 |
| 35-8-16 <sup>13</sup> .....                                                               | F | 15.06                                                                                          | 4.22 | 8.77  | 53.41 |
| <b>The N. Sauer Milling Co., Cherryvale, Kan.</b>                                         |   |                                                                                                |      |       |       |
| Wheat Bran with Ground Wheat Screenings, not to<br>Exceed 8 % Screenings.....             | G | 14.50                                                                                          | 3.50 | 11.00 | 47.00 |
| 35-4-191 <sup>18</sup> .....                                                              | F | 16.50                                                                                          | 4.27 | 9.37  | 52.54 |
| Wheat Gray Shorts with Ground Wheat Screenings,<br>not to Exceed 8 % Screenings.....      | G | 16.50                                                                                          | 3.50 | 6.00  | 55.00 |
| 35-4-192 <sup>18</sup> .....                                                              | F | 18.50                                                                                          | 4.35 | 5.51  | 56.03 |
| Wheat Mixed Feed with Ground Wheat Screenings,<br>not to Exceed 8 % Screenings.....       | G | 16.00                                                                                          | 3.50 | 8.50  | 52.00 |
| 35-4-193 <sup>18</sup> .....                                                              | F | 17.94                                                                                          | 4.13 | 7.48  | 54.12 |
| <b>Saxony Mills, St. Louis, Mo.</b>                                                       |   |                                                                                                |      |       |       |
| Winter Wheat Bran and Ground Wheat Screenings,<br>not Exceeding Mill-run.....             | G | 14.50                                                                                          | 3.50 | 11.00 | 44.00 |
| 35-3-106.....                                                                             | F | 16.31                                                                                          | 4.51 | 10.68 | 51.70 |
| Winter Gray Wheat Shorts and Ground Wheat<br>Screenings, not Exceeding Mill-run.....      | G | 16.00                                                                                          | 4.00 | 6.00  | 50.00 |
| 35-5-227.....                                                                             | F | 18.88                                                                                          | 4.23 | 5.34  | 55.16 |
| Wheat Mixed Feed with Ground Wheat Screenings,<br>not Exceeding Mill-run.....             | G | 12.00                                                                                          | 3.50 | 10.00 | 52.00 |
| 35-6-16 <sup>3,4,5</sup> .....                                                            | F | 17.19                                                                                          | 3.78 | 7.76  | 55.26 |
| Winter Wheat Bran and Ground Wheat Screenings,<br>not Exceeding Mill-run.....             | G | 14.50                                                                                          | 3.50 | 11.00 | 44.00 |
| 35-6-207.....                                                                             | F | 14.56                                                                                          | 4.18 | 10.64 | 50.13 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                              |         |                  |
|-------------------------------------------------------------------------------------------|-------------------|------------------------------|---------|------------------|
|                                                                                           | %                 | Guaranteed (G) and Found (F) | Protein | Fat Fiber N.F.E. |
| <b>Schreiber Milling and Grain Co., St. Joseph, Mo.</b>                                   |                   |                              |         |                  |
| Schreiber's Sweet Lassy Feed.....                                                         | G                 | 11.00                        | 1.00    | 12.00 48.00      |
| 35-1-21.....                                                                              | F                 | 11.00                        | 1.47    | 10.30 54.16      |
| Schreiber's Feeding Rolled Oats.....                                                      | G                 | 16.00                        | 5.00    | 2.00 61.00       |
| 35-1-23.....                                                                              | F                 | 17.13                        | 11.53   | 1.34 63.34       |
| Schreiber's Rolled Oats.....                                                              | G                 | 16.00                        | 5.00    | 1.80 61.00       |
| 35-1-52.....                                                                              | F                 | 18.44                        | 6.32    | 1.29 60.32       |
| Schreiber's Feeding Rolled Oats.....                                                      | G                 | 16.00                        | 5.00    | 2.00 61.00       |
| 35-2-201.....                                                                             | F                 | 17.88                        | 7.84    | 2.00 59.43       |
| Schreiber's No. 1 Laying Mash.....                                                        | G                 | 16.00                        | 3.50    | 7.50 46.50       |
| 35-2-204 <sup>11</sup> .....                                                              | F                 | 20.19                        | 7.02    | 8.05 45.78       |
| Schreiber's Heavy Oat Feed (Medium Ground).....                                           | G                 | 9.00                         | 3.00    | 20.00 47.00      |
| 35-2-205.....                                                                             | F                 | 11.63                        | 4.19    | 17.96 50.53      |
| Schreiber's Fancy Corn Feed Meal.....                                                     | G                 | 10.00                        | 4.00    | 3.50 56.50       |
| 35-2-206.....                                                                             | F                 | 10.75                        | 4.51    | 3.93 66.73       |
| Fancy Cracked Corn.....                                                                   | G                 | 9.50                         | 3.50    | 3.50 61.50       |
| 35-2-207.....                                                                             | F                 | 9.19                         | 4.02    | 1.10 74.32       |
| Missouri Formula Laying Mash.....                                                         | G                 | 20.00                        | 4.00    | 6.00 46.00       |
| 35-2-209.....                                                                             | F                 | 24.13                        | 6.37    | 5.40 44.10       |
| Schreiber's Gold Stripe Poultry Fattener.....                                             | G                 | 12.00                        | 4.50    | 5.50 60.00       |
| 35-2-210.....                                                                             | F                 | 17.56                        | 7.22    | 5.06 54.95       |
| Schreiber's Gold Stripe Scratch Feed.....                                                 | G                 | 10.00                        | 2.50    | 4.00 56.00       |
| 35-2-211.....                                                                             | F                 | 9.63                         | 3.68    | 1.69 72.50       |
| Schreiber's Big 16 for Cows, Sheep and Hogs.....                                          | G                 | 16.00                        | 2.50    | 13.00 47.00      |
| 35-2-212.....                                                                             | F                 | 14.50                        | 2.88    | 13.32 47.38      |
| Schreiber's Pig Meal (with Dried Buttermilk and<br>Cod Liver Oil).....                    | G                 | 20.00                        | 4.00    | 6.00 50.00       |
| 35-2-213.....                                                                             | F                 | 21.94                        | 6.47    | 4.22 48.00       |
| Schreiber's Mash Builder.....                                                             | G                 | 33.00                        | 5.00    | 6.00 27.00       |
| 35-2-215.....                                                                             | F                 | 33.94                        | 5.72    | 8.35 20.26       |
| Schreiber's Gold Stripe All Mash Chick Ration.....                                        | G                 | 15.00                        | 3.00    | 5.00 57.00       |
| 35-2-216.....                                                                             | F                 | 14.38                        | 4.89    | 3.73 60.13       |
| Schreiber's All Ration Poultry Nutlets.....                                               | G                 | 15.00                        | 5.00    | 5.00 55.00       |
| 35-2-217.....                                                                             | F                 | 15.50                        | 4.36    | 5.38 57.02       |
| Schreiber's Gold Stripe Growing Mash.....                                                 | G                 | 18.00                        | 3.50    | 7.00 47.00       |
| 35-2-218.....                                                                             | F                 | 19.25                        | 5.84    | 6.33 49.38       |
| Schreiber's Feeding Oat Meal.....                                                         | G                 | 14.00                        | 5.00    | 3.90 60.00       |
| 35-2-219.....                                                                             | F                 | 16.75                        | 5.55    | 2.58 62.05       |
| Schreiber's Brown Molasses Feed.....                                                      | G                 | 7.50                         | 0.50    | 24.00 41.00      |
| 35-2-222.....                                                                             | F                 | 5.95                         | 1.48    | 22.95 46.06      |
| Schreiber's Feeding Rolled Oats.....                                                      | G                 | 16.00                        | 5.00    | 2.00 61.00       |
| 35-2-225.....                                                                             | F                 | 17.56                        | 6.32    | 1.90 61.64       |
| Schreiber's No. 1 Laying Mash.....                                                        | G                 | 18.00                        | 4.00    | 8.00 42.00       |
| 35-5-113.....                                                                             | F                 | 18.63                        | 5.11    | 9.50 47.91       |
| Schreiber's Gold Stripe All-Mash Chick Ration.....                                        | G                 | 15.00                        | 3.50    | 5.00 57.00       |
| 35-8-184.....                                                                             | F                 | 15.38                        | 4.53    | 3.72 60.37       |
| Schreiber's Gold Stripe Starting Mash.....                                                | G                 | 14.00                        | 4.00    | 6.00 55.00       |
| 35-8-185.....                                                                             | F                 | 17.63                        | 5.12    | 6.09 54.03       |
| Schreiber's Sweet Lassy Feed.....                                                         | G                 | 11.00                        | 1.00    | 12.00 48.00      |
| 35-8-186.....                                                                             | F                 | 11.09                        | 2.35    | 13.11 52.91      |
| Schreiber's Number One Laying Mash.....                                                   | G                 | 18.00                        | 4.00    | 8.00 42.00       |
| 35-10-15 <sup>9</sup> .....                                                               | F                 | 19.50                        | 5.52    | 3.62 53.71       |
| Schreiber's Gold Stripe Laying Mash.....                                                  | G                 | 20.00                        | 4.50    | 7.50 46.50       |
| 35-10-16.....                                                                             | F                 | 20.94                        | 8.52    | 7.11 47.06       |
| Schreiber's Gold Stripe Growing Mash.....                                                 | G                 | 18.00                        | 3.50    | 7.00 47.00       |
| 35-10-17.....                                                                             | F                 | 18.69                        | 5.01    | 6.61 51.13       |
| Schreiber's Gold Stripe All Mash Chick Ration.....                                        | G                 | 15.00                        | 3.00    | 5.00 57.00       |
| 35-10-18.....                                                                             | F                 | 15.56                        | 5.91    | 3.45 58.65       |
| Schreiber's Gold Stripe Baby Chick Scratch.....                                           | G                 | 10.00                        | 2.50    | 4.00 56.00       |
| 35-10-19.....                                                                             | F                 | 12.13                        | 3.20    | 1.67 71.25       |
| Schreiber's Gold Stripe Big Chick Scratch.....                                            | G                 | 10.00                        | 2.50    | 4.00 56.00       |
| 35-10-20.....                                                                             | F                 | 11.31                        | 3.89    | 2.20 69.60       |
| Schreiber's Gold Stripe Scratch Feed.....                                                 | G                 | 10.00                        | 2.50    | 4.00 56.00       |
| 35-10-21.....                                                                             | F                 | 10.38                        | 12.37   | 1.64 72.32       |
| Schreiber's Drouth Molasses Feed.....                                                     | G                 | 4.25                         | 1.00    | 26.00 43.00      |
| 35-10-22.....                                                                             | F                 | 4.25                         | 3.07    | 26.95 45.20      |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)          | Chemical Analyses              |         |      |              |
|----------------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                                    | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| Schreiber's Mash Builder.....                                                                      | G                              | 33.00   | 5.00 | 6.00 27.00   |
| 35-10-23.....                                                                                      | F                              | 28.00   | 7.10 | 8.79 34.02   |
| Schreiber's Gold Stripe Baby Chick Scratch.....                                                    | G                              | 10.00   | 2.50 | 4.00 56.00   |
| 35-11-130.....                                                                                     | F                              | 11.81   | 3.21 | 1.67 70.72   |
| Schreiber's Number 1 Laying Mash.....                                                              | G                              | 18.00   | 4.00 | 8.00 42.00   |
| 35-12-183.....                                                                                     | F                              | 19.38   | 6.09 | 8.05 49.42   |
| Schreiber's Big 16 for Cows, Sheep and Hogs.....                                                   | G                              | 16.00   | 2.50 | 13.00 47.00  |
| 35-12-184.....                                                                                     | F                              | 16.00   | 3.59 | 10.05 50.03  |
| Schreiber's Pig Meal with Dried Buttermilk and Cod<br>Liver Oil.....                               | G                              | 20.00   | 4.00 | 6.00 50.00   |
| 35-12-185.....                                                                                     | F                              | 22.38   | 5.57 | 5.51 49.94   |
| Schreiber's Gold Stripe Scratch Feed.....                                                          | G                              | 10.00   | 2.50 | 4.00 56.00   |
| 35-12-186.....                                                                                     | F                              | 10.38   | 3.65 | 2.19 71.09   |
| Schreiber's Trophy Hog Feed, 40 % Protein Supplement.....                                          | G                              | 40.00   | 6.00 | 8.00 19.00   |
| 35-12-188.....                                                                                     | F                              | 39.25   | 6.04 | 5.63 17.09   |
| Schreiber's Gold Stripe Poultry Fattener.....                                                      | G                              | 12.00   | 4.50 | 5.50 60.00   |
| 35-12-189.....                                                                                     | F                              | 16.06   | 6.51 | 3.75 60.42   |
| Schreiber's 18 % Laying Mash.....                                                                  | G                              | 18.00   | 4.00 | 8.00 42.00   |
| 35-12-231.....                                                                                     | F                              | 19.69   | 5.94 | 7.68 49.77   |
| Schreiber's Gold Stripe Poultry Fattener.....                                                      | G                              | 12.00   | 4.50 | 5.50 60.00   |
| 35-12-232.....                                                                                     | F                              | 16.38   | 6.19 | 4.43 60.26   |
| <b>Schultz, Baujan and Co., Beardstown, Ill.</b>                                                   |                                |         |      |              |
| Honest 16 % Dairy Feed.....                                                                        | G                              | 16.00   | 3.50 | 13.00 45.00  |
| 35-6-237 <sup>8,13,22</sup> .....                                                                  | F                              | 17.25   | 4.10 | 10.34 46.18  |
| Sunbeam Wheat Bran.....                                                                            | G                              | 15.00   | 3.50 | 10.00 56.00  |
| 35-6-238.....                                                                                      | F                              | 17.25   | 4.60 | 10.13 45.19  |
| Honest Baby Chick Scratch Feed.....                                                                | G                              | 10.00   | 3.00 | 5.00 60.00   |
| 35-6-239 <sup>9</sup> .....                                                                        | F                              | 12.25   | 3.28 | 1.92 68.29   |
| Honest Scratch Feed.....                                                                           | G                              | 9.50    | 3.00 | 5.00 60.00   |
| 35-6-240 <sup>9</sup> .....                                                                        | F                              | 11.88   | 2.77 | 3.31 67.02   |
| Wheat Standard Middlings with Mill-run Ground<br>Wheat Screenings.....                             | G                              | 15.00   | 4.00 | 9.00 56.00   |
| 35-6-241 <sup>9,10</sup> .....                                                                     | F                              | 16.31   | 4.21 | 7.28 55.83   |
| Honest Economy Starting and Growing Mash.....                                                      | G                              | 16.00   | 4.00 | 7.50 50.00   |
| 35-7-18 <sup>9</sup> .....                                                                         | F                              | 17.44   | 4.32 | 6.67 53.25   |
| Honest 16 % Dairy Feed.....                                                                        | G                              | 16.00   | 3.50 | 13.00 45.00  |
| 35-7-19 <sup>8,9</sup> .....                                                                       | F                              | 17.38   | 3.72 | 13.63 45.01  |
| Wheat Standard Middlings with Mill-run Ground<br>Wheat Screenings.....                             | G                              | 15.00   | 4.00 | 9.00 56.00   |
| 35-7-20 <sup>9,10</sup> .....                                                                      | F                              | 15.56   | 4.30 | 9.67 55.20   |
| Economy Laying Ration.....                                                                         | G                              | 16.00   | 4.00 | 7.00 42.50   |
| 35-12-88 <sup>9</sup> .....                                                                        | F                              | 18.25   | 5.36 | 7.23 50.91   |
| Honest Egg Mash.....                                                                               | G                              | 18.00   | 4.00 | 7.00 50.00   |
| 35-12-89.....                                                                                      | F                              | 22.06   | 5.78 | 5.49 47.56   |
| <b>Schwartz Bros. Feed Co., St. Louis, Mo.</b>                                                     |                                |         |      |              |
| Schwartz Special Horse Feed.....                                                                   | G                              | 10.00   | 4.00 | 6.50 62.50   |
| 35-6-26 <sup>1,9,16</sup> .....                                                                    | F                              | 11.26   | 3.62 | 5.29 64.22   |
| <b>Scott County Milling Co., Sikeston, Mo.</b>                                                     |                                |         |      |              |
| Gristo Wheat Mixed Feed with Ground Wheat<br>Screenings, not Exceeding 8 %.....                    | G                              | 15.00   | 3.50 | 8.50 53.00   |
| 35-1-48.....                                                                                       | F                              | 15.13   | 4.14 | 7.51 54.48   |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding 8 %.....                          | G                              | 14.50   | 3.50 | 10.00 50.00  |
| 35-1-49.....                                                                                       | F                              | 14.25   | 3.50 | 8.81 56.04   |
| Gristo Gray Wheat Shorts and Hominy Feed with<br>Wheat and Corn Screenings, not Exceeding 8 %..... | G                              | 14.50   | 4.00 | 7.00 55.00   |
| 35-1-51.....                                                                                       | F                              | 14.25   | 4.51 | 5.65 60.76   |
| Semo Poultry Feed.....                                                                             | G                              | 10.00   | 2.50 | 4.00 65.00   |
| 35-1-53.....                                                                                       | F                              | 10.00   | 4.19 | 1.81 71.44   |
| Gristo Poultry Feed.....                                                                           | G                              | 10.00   | 2.50 | 4.00 68.00   |
| 35-1-54.....                                                                                       | F                              | 10.19   | 3.29 | 2.04 70.72   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |       |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|-------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N.F.E. |
| Gristo Corn Bran.....                                                                     | G 10.00                        | 7.00    | 8.00  | 55.00        |
| 35-1-56.....                                                                              | F 11.06                        | 6.02    | 4.87  | 63.65        |
| Gristo Chick Developer.....                                                               | G 10.00                        | 2.50    | 3.00  | 68.00        |
| 35-1-59.....                                                                              | F 11.00                        | 2.90    | 1.61  | 71.39        |
| Steel Cut Poultry Chops.....                                                              | G 9.00                         | 3.00    | 3.00  | 70.00        |
| 35-1-60.....                                                                              | F 10.13                        | 5.13    | 1.74  | 69.60        |
| Gristo Egg Maker.....                                                                     | G 10.00                        | 3.00    | 4.00  | 68.00        |
| 35-1-61.....                                                                              | F 10.56                        | 3.52    | 2.27  | 71.01        |
| Gristo Fattening Mash.....                                                                | G 15.00                        | 4.50    | 4.50  | 58.00        |
| 35-1-62.....                                                                              | F 16.13                        | 5.85    | 3.19  | 58.88        |
| Gristo Milk Maker.....                                                                    | G 16.50                        | 3.50    | 14.00 | 45.00        |
| 35-1-63.....                                                                              | F 17.50                        | 3.74    | 8.74  | 51.27        |
| Gristo Growing Mash.....                                                                  | G 17.00                        | 4.00    | 6.00  | 55.00        |
| 35-1-64.....                                                                              | F 17.50                        | 4.70    | 4.29  | 57.36        |
| Gristo Dairy Feed.....                                                                    | G 24.00                        | 4.00    | 12.00 | 42.00        |
| 35-1-65.....                                                                              | F 27.44                        | 4.58    | 11.81 | 39.84        |
| 50-50 Poultry Feed.....                                                                   | G 10.00                        | 2.50    | 4.00  | 65.00        |
| 35-1-66.....                                                                              | F 10.50                        | 3.50    | 1.93  | 70.42        |
| Intermediate Steel Cut Poultry Chops.....                                                 | G 9.00                         | 3.00    | 3.00  | 70.00        |
| 35-1-67.....                                                                              | F 9.75                         | 4.97    | 1.85  | 69.54        |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding 8 %.....                 | G 14.50                        | 3.50    | 10.00 | 50.00        |
| 35-1-69.....                                                                              | F 14.38                        | 4.67    | 10.40 | 51.57        |
| B and M Molasses Feed.....                                                                | G 9.00                         | 2.00    | 15.00 | 55.00        |
| 35-1-73.....                                                                              | F 10.13                        | 3.78    | 11.34 | 54.43        |
| Gristo Milk Maker.....                                                                    | G 16.50                        | 3.50    | 14.00 | 45.00        |
| 35-1-74.....                                                                              | F 18.50                        | 5.01    | 12.47 | 45.89        |
| Gristo Gray Wheat Shorts with Ground Wheat<br>Screenings, not Exceeding 8 %.....          | G 16.00                        | 3.50    | 6.00  | 55.00        |
| 35-1-75.....                                                                              | F 14.66                        | 5.19    | 6.66  | 57.07        |
| Gristo Egg Maker.....                                                                     | G 10.00                        | 3.00    | 4.00  | 68.00        |
| 35-1-76.....                                                                              | F 11.13                        | 4.29    | 2.19  | 69.52        |
| Gristo Lay Mash.....                                                                      | G 20.00                        | 4.00    | 7.00  | 45.00        |
| 35-1-82.....                                                                              | F 20.25                        | 5.87    | 4.34  | 48.54        |
| B and M Molasses Feed.....                                                                | G 9.00                         | 2.00    | 15.00 | 55.00        |
| 35-1-87.....                                                                              | F 9.14                         | 8.70    | 11.27 | 51.60        |
| Gristo Gray Wheat Shorts with Ground Wheat<br>Screenings, not Exceeding 8 %.....          | G 16.00                        | 3.50    | 6.00  | 55.00        |
| 35-1-88.....                                                                              | F 15.00                        | 5.52    | 4.72  | 58.77        |
| Gristo Wheat Mixed Feed with Ground Wheat<br>Screenings, not Exceeding 8 %.....           | G 15.00                        | 3.50    | 8.50  | 53.00        |
| 35-1-90.....                                                                              | F 15.88                        | 5.56    | 7.65  | 53.08        |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding 8 %.....                 | G 14.50                        | 3.50    | 10.00 | 50.00        |
| 35-1-91.....                                                                              | F 16.44                        | 5.16    | 8.46  | 50.20        |
| Gristo Hominy Feed.....                                                                   | G 10.00                        | 7.00    | 8.00  | 55.00        |
| 35-1-93.....                                                                              | F 10.69                        | 10.68   | 9.03  | 55.71        |
| Steel Cut Poultry Chops.....                                                              | G 9.00                         | 3.00    | 3.00  | 70.00        |
| 35-1-94.....                                                                              | F 9.56                         | 4.40    | 1.89  | 71.82        |
| Yellow Unbolted Feed Meal.....                                                            | G 9.00                         | 3.00    | 3.00  | 70.00        |
| 35-1-95.....                                                                              | F 9.38                         | 4.79    | 1.67  | 68.89        |
| Gristo Dairy Feed.....                                                                    | G 24.00                        | 4.00    | 12.00 | 42.00        |
| 35-1-101.....                                                                             | F 23.90                        | 4.08    | 11.41 | 44.34        |
| B and M Molasses Feed.....                                                                | G 9.00                         | 2.00    | 15.00 | 55.00        |
| 35-1-120.....                                                                             | F 8.81                         | 3.30    | 10.74 | 58.80        |
| Big Eight Molasses Feed.....                                                              | G 9.00                         | 2.00    | 15.00 | 60.00        |
| 35-1-131.....                                                                             | F 10.00                        | 3.78    | 8.46  | 61.68        |
| Semo Laying Mash.....                                                                     | G 18.00                        | 3.50    | 8.00  | 45.00        |
| 35-1-133.....                                                                             | F 19.19                        | 4.56    | 6.04  | 49.99        |
| B and M Molasses Feed.....                                                                | G 9.00                         | 2.00    | 15.00 | 55.00        |
| 35-1-134.....                                                                             | F 10.13                        | 3.05    | 12.38 | 53.07        |
| Gristo All Mash (Starting and Growing).....                                               | G 16.00                        | 4.50    | 6.00  | 55.00        |
| 35-2-33.....                                                                              | F 16.75                        | 5.52    | 3.98  | 57.18        |
| Gristo All Mash (Laying).....                                                             | G 16.50                        | 4.50    | 5.50  | 50.00        |
| 35-2-34.....                                                                              | F 18.00                        | 5.64    | 5.50  | 53.56        |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |         |       |              |
|-------------------------------------------------------------------------------------------|-------------------|---------|-------|--------------|
|                                                                                           | % Guaranteed (G)  | Protein | Fat   | Fiber N.F.E. |
| Gristo Chick Developer.....                                                               | G                 | 10.00   | 2.50  | 3.00 68.00   |
| 35-2-35.....                                                                              | F                 | 11.13   | 2.77  | 1.55 71.27   |
| Semo Poultry Feed.....                                                                    | G                 | 10.00   | 2.50  | 4.00 65.00   |
| 35-2-37.....                                                                              | F                 | 10.50   | 3.40  | 2.16 69.89   |
| Gristo Poultry Feed.....                                                                  | G                 | 10.00   | 2.50  | 4.00 68.00   |
| 35-2-38.....                                                                              | F                 | 10.10   | 3.38  | 1.79 70.57   |
| Gristo Laying Mash.....                                                                   | G                 | 20.00   | 4.00  | 7.00 45.00   |
| 35-2-39.....                                                                              | F                 | 21.69   | 5.07  | 5.14 48.34   |
| Gristo Egg Maker.....                                                                     | G                 | 10.00   | 3.00  | 4.00 68.00   |
| 35-2-40.....                                                                              | F                 | 10.06   | 4.73  | 3.44 66.55   |
| Whoa Mule Molasses Feed.....                                                              | G                 | 9.00    | 2.00  | 15.00 55.00  |
| 35-2-42.....                                                                              | F                 | 9.44    | 2.87  | 9.30 56.86   |
| Gristo Milk Maker.....                                                                    | G                 | 16.50   | 3.50  | 14.00 45.00  |
| 35-2-43.....                                                                              | F                 | 16.63   | 3.82  | 11.46 48.17  |
| B and M Molasses Feed.....                                                                | G                 | 9.00    | 2.00  | 15.00 55.00  |
| 35-2-45.....                                                                              | F                 | 8.72    | 2.51  | 11.31 54.54  |
| Semo Dairy Feed.....                                                                      | G                 | 16.00   | 3.50  | 15.00 45.00  |
| 35-2-46.....                                                                              | F                 | 15.28   | 3.30  | 11.27 47.84  |
| Gristo All Grain.....                                                                     | G                 | 10.00   | 3.00  | 10.00 60.00  |
| 35-2-47.....                                                                              | F                 | 10.63   | 4.11  | 5.00 63.96   |
| Gristo Growing Mash.....                                                                  | G                 | 17.00   | 4.00  | 6.00 55.00   |
| 35-2-48.....                                                                              | F                 | 17.38   | 4.86  | 4.81 52.40   |
| Big Eight Molasses Feed.....                                                              | G                 | 9.00    | 2.00  | 15.00 60.00  |
| 35-2-49.....                                                                              | F                 | 9.18    | 3.51  | 9.72 58.31   |
| Gristo Rabbit Feed.....                                                                   | G                 | 14.00   | 4.50  | 4.00 60.00   |
| 35-2-51.....                                                                              | F                 | 15.19   | 5.88  | 3.27 62.60   |
| Gristo Starting Mash.....                                                                 | G                 | 14.00   | 4.00  | 6.00 60.00   |
| 35-2-52.....                                                                              | F                 | 15.25   | 5.88  | 5.09 57.48   |
| Semo Laying Mash.....                                                                     | G                 | 18.00   | 3.50  | 8.00 45.00   |
| 35-2-53.....                                                                              | F                 | 19.88   | 5.15  | 7.17 48.72   |
| Semo Fattening Mash.....                                                                  | G                 | 12.50   | 4.50  | 6.50 58.00   |
| 35-2-54.....                                                                              | F                 | 14.38   | 5.95  | 3.98 60.58   |
| Semo Poultry Feed.....                                                                    | G                 | 10.00   | 2.50  | 4.00 65.00   |
| 35-2-55.....                                                                              | F                 | 10.19   | 4.33  | 2.01 71.96   |
| 43 % Protein Soybean Oil Meal.....                                                        | G                 | 43.00   | 4.50  | 6.00 29.00   |
| 35-2-58.....                                                                              | F                 | 41.50   | 9.30  | 5.00 30.69   |
| Gristo Hominy Feed.....                                                                   | G                 | 10.00   | 7.00  | 8.00 55.00   |
| 35-2-59.....                                                                              | F                 | 12.31   | 9.12  | 6.39 56.77   |
| Gristo Dairy Feed.....                                                                    | G                 | 24.00   | 4.00  | 12.00 42.00  |
| 35-2-60.....                                                                              | F                 | 24.50   | 5.63  | 8.06 43.38   |
| 50-50 Poultry Feed.....                                                                   | G                 | 10.00   | 2.50  | 4.00 65.00   |
| 35-2-61.....                                                                              | F                 | 10.63   | 3.46  | 2.28 69.41   |
| Gristo Gray Wheat Shorts with Ground Wheat<br>Screenings, not Exceeding 8 %.....          | G                 | 16.00   | 3.50  | 6.00 55.00   |
| 35-2-62.....                                                                              | F                 | 16.25   | 5.10  | 5.08 57.89   |
| Yellow Unbolted Corn Feed Meal.....                                                       | G                 | 9.00    | 3.00  | 3.00 70.00   |
| 35-3-68.....                                                                              | F                 | 9.94    | 4.96  | 3.20 67.42   |
| Semo Laying Mash.....                                                                     | G                 | 18.00   | 3.50  | 8.00 45.00   |
| 35-3-69.....                                                                              | F                 | 22.75   | 5.18  | 5.64 46.01   |
| Gristo Dairy Feed.....                                                                    | G                 | 24.00   | 4.00  | 12.00 42.00  |
| 35-3-70 <sup>8</sup> .....                                                                | F                 | 18.27   | 3.93  | 10.91 47.14  |
| Gristo Milk Maker.....                                                                    | G                 | 16.50   | 3.50  | 14.00 45.00  |
| 35-3-71 <sup>8</sup> .....                                                                | F                 | 26.38   | 5.48  | 10.88 39.78  |
| Semo Poultry Feed.....                                                                    | G                 | 10.00   | 2.50  | 4.00 65.00   |
| 35-3-72.....                                                                              | F                 | 9.56    | 3.83  | 2.18 70.15   |
| Intermediate Steel Cut Poultry Chops.....                                                 | G                 | 9.00    | 3.00  | 3.00 70.00   |
| 35-3-74.....                                                                              | F                 | 10.06   | 3.32  | 1.75 70.39   |
| B and M Molasses Feed.....                                                                | G                 | 9.00    | 2.00  | 15.00 55.00  |
| 35-3-76.....                                                                              | F                 | 12.56   | 3.99  | 12.39 50.74  |
| Gristo Egg Maker.....                                                                     | G                 | 10.00   | 3.00  | 4.00 68.00   |
| 35-3-77.....                                                                              | F                 | 10.75   | 3.65  | 1.93 69.99   |
| Gristo Milk Maker.....                                                                    | G                 | 16.50   | 3.50  | 14.00 45.00  |
| 35-3-78 <sup>8</sup> .....                                                                | F                 | 19.13   | 4.33  | 12.67 43.94  |
| Gristo Corn Bran.....                                                                     | G                 | 10.00   | 7.00  | 8.00 55.00   |
| 35-3-79.....                                                                              | F                 | 11.75   | 10.16 | 6.78 55.97   |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |      |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | Fat  | Fiber | N.F.E. |
| Gristo All Grain with Molasses.....                                                       | G                 | 10.00          | 3.00 | 10.00 | 60.00  |
| 35-3-80.....                                                                              | F                 | 9.71           | 4.79 | 6.50  | 63.25  |
| Gristo Fattening Mash.....                                                                | G                 | 15.00          | 4.50 | 4.50  | 58.00  |
| 35-3-81.....                                                                              | F                 | 17.13          | 7.26 | 5.19  | 51.67  |
| Gristo Gray Wheat Shorts with Ground Wheat<br>Screenings, not Exceeding Mill-run.....     | G                 | 16.00          | 3.50 | 6.00  | 55.00  |
| 35-3-82.....                                                                              | F                 | 15.63          | 5.18 | 4.13  | 57.96  |
| Gristo Laying Mash.....                                                                   | G                 | 20.00          | 4.00 | 7.00  | 45.00  |
| 35-3-83.....                                                                              | F                 | 21.57          | 6.19 | 4.81  | 44.89  |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....            | G                 | 14.50          | 3.50 | 10.00 | 50.00  |
| 35-3-84.....                                                                              | F                 | 13.98          | 3.59 | 9.13  | 53.18  |
| Gristo Wheat Mixed Feed with Ground Wheat<br>Screenings, not Exceeding Mill-run.....      | G                 | 15.00          | 3.50 | 8.50  | 53.00  |
| 35-3-85.....                                                                              | F                 | 14.65          | 4.47 | 6.89  | 56.98  |
| Gristo Milk Maker.....                                                                    | G                 | 16.50          | 3.50 | 14.00 | 45.00  |
| 35-4-171 <sup>8</sup> .....                                                               | F                 | 18.44          | 3.82 | 12.87 | 46.83  |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....            | G                 | 14.50          | 3.50 | 10.00 | 50.00  |
| 35-4-172.....                                                                             | F                 | 14.00          | 3.98 | 10.45 | 53.05  |
| Semo Poultry Feed.....                                                                    | G                 | 10.00          | 2.50 | 4.00  | 65.00  |
| 35-4-174.....                                                                             | F                 | 10.06          | 3.58 | 2.32  | 70.18  |
| Steel Cut Poultry Chops.....                                                              | G                 | 9.00           | 3.00 | 3.00  | 70.00  |
| 35-4-175.....                                                                             | F                 | 9.38           | 4.46 | 2.12  | 69.76  |
| Gristo Work Feed.....                                                                     | G                 | 9.00           | 2.00 | 12.00 | 60.00  |
| 35-4-176.....                                                                             | F                 | 9.75           | 3.75 | 7.99  | 61.69  |
| Gristo Laying Mash.....                                                                   | G                 | 20.00          | 4.00 | 7.00  | 45.00  |
| 35-4-177.....                                                                             | F                 | 23.63          | 5.06 | 4.49  | 47.52  |
| Gristo All Mash (Starting and Growing).....                                               | G                 | 16.00          | 4.50 | 6.00  | 55.00  |
| 35-4-178.....                                                                             | F                 | 19.44          | 5.06 | 4.04  | 55.23  |
| Gristo Starting Mash.....                                                                 | G                 | 17.00          | 4.50 | 5.00  | 55.00  |
| 35-4-179 <sup>9</sup> .....                                                               | F                 | 18.88          | 4.79 | 3.86  | 55.46  |
| Gristo Growing Mash.....                                                                  | G                 | 17.00          | 4.00 | 6.00  | 55.00  |
| 35-4-180.....                                                                             | F                 | 18.31          | 5.53 | 3.86  | 54.70  |
| Gristo Chick Developer.....                                                               | G                 | 10.00          | 2.50 | 3.00  | 68.00  |
| 35-4-181.....                                                                             | F                 | 11.44          | 2.65 | 1.68  | 70.03  |
| Semo Laying Mash.....                                                                     | G                 | 18.00          | 3.50 | 7.00  | 45.00  |
| 35-4-182.....                                                                             | F                 | 20.50          | 4.45 | 5.08  | 50.78  |
| Gristo Poultry Feed.....                                                                  | G                 | 10.00          | 2.50 | 4.00  | 68.00  |
| 35-4-184.....                                                                             | F                 | 11.44          | 3.62 | 2.59  | 68.70  |
| 43 % Protein Soybean Oil Meal.....                                                        | G                 | 43.00          | 4.50 | 6.00  | 29.00  |
| 35-6-37.....                                                                              | F                 | 42.56          | 9.62 | 5.04  | 29.39  |
| Gristo Fattening Mash.....                                                                | G                 | 15.00          | 4.50 | 4.50  | 58.00  |
| 35-6-38.....                                                                              | F                 | 18.56          | 6.85 | 4.21  | 52.34  |
| Semo Chick Feed.....                                                                      | G                 | 9.00           | 2.50 | 5.00  | 65.00  |
| 35-6-39.....                                                                              | F                 | 11.25          | 2.81 | 1.58  | 69.12  |
| Semo Dairy Feed.....                                                                      | G                 | 16.00          | 3.50 | 15.00 | 45.00  |
| 35-6-41 <sup>8</sup> .....                                                                | F                 | 20.51          | 4.00 | 7.67  | 48.64  |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....            | G                 | 14.50          | 3.50 | 10.00 | 50.00  |
| 35-6-42.....                                                                              | F                 | 14.03          | 4.32 | 9.12  | 51.03  |
| 50-50 Poultry Feed.....                                                                   | G                 | 10.00          | 2.50 | 4.00  | 65.00  |
| 35-6-43.....                                                                              | F                 | 11.25          | 3.00 | 1.94  | 67.62  |
| Gristo Egg Maker.....                                                                     | G                 | 10.00          | 3.00 | 4.00  | 68.00  |
| 35-6-44.....                                                                              | F                 | 10.75          | 4.11 | 2.77  | 66.10  |
| Semo Poultry Feed.....                                                                    | G                 | 10.00          | 2.50 | 4.00  | 65.00  |
| 35-6-45.....                                                                              | F                 | 11.25          | 3.98 | 2.47  | 65.41  |
| Gristo Gray Wheat Shorts with Ground Wheat<br>Screenings, not Exceeding Mill-run.....     | G                 | 16.00          | 3.50 | 6.00  | 55.00  |
| 35-6-50.....                                                                              | F                 | 17.44          | 4.68 | 3.43  | 59.54  |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....            | G                 | 14.50          | 3.50 | 10.00 | 50.00  |
| 35-6-56.....                                                                              | F                 | 14.94          | 4.39 | 10.54 | 51.62  |
| Drouth Relief Molasses Feed.....                                                          | G                 | 9.00           | 1.50 | 18.00 | 45.00  |
| 35-6-84.....                                                                              | F                 | 8.00           | 1.65 | 16.54 | 53.75  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |         |      |              |
|-------------------------------------------------------------------------------------------|-------------------|---------|------|--------------|
|                                                                                           | % Guaranteed (G)  | Protein | Fat  | Fiber N.F.E. |
| Gristo Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run.....         | G                 | 15.00   | 3.50 | 8.50 53.00   |
| 35-6-87.....                                                                              | F                 | 15.63   | 4.04 | 7.79 55.18   |
| Gristo Egg Maker.....                                                                     | G                 | 10.00   | 3.00 | 4.00 68.00   |
| 35-6-91.....                                                                              | F                 | 11.06   | 3.59 | 2.56 67.54   |
| Gristo Laying Mash.....                                                                   | G                 | 20.00   | 4.00 | 7.00 45.00   |
| 35-6-92.....                                                                              | F                 | 21.44   | 5.49 | 4.93 46.81   |
| Gristo Chick Developer.....                                                               | G                 | 10.00   | 2.50 | 3.00 68.00   |
| 35-6-93.....                                                                              | F                 | 11.63   | 2.95 | 1.81 67.98   |
| Gristo Growing Mash.....                                                                  | G                 | 17.00   | 4.00 | 6.00 55.00   |
| 35-6-94.....                                                                              | F                 | 18.63   | 5.21 | 4.44 52.92   |
| 50-50 Poultry Feed.....                                                                   | G                 | 10.00   | 2.50 | 4.00 65.00   |
| 35-6-95.....                                                                              | F                 | 10.94   | 3.17 | 2.06 67.01   |
| Gristo Starting Mash.....                                                                 | G                 | 17.00   | 4.00 | 5.00 55.00   |
| 35-6-96 <sup>8,9</sup> .....                                                              | F                 | 18.06   | 5.17 | 3.98 54.10   |
| Intermediate Steel Cut Poultry Chops.....                                                 | G                 | 9.00    | 3.00 | 3.00 70.00   |
| 35-6-97.....                                                                              | F                 | 10.06   | 2.68 | 1.90 69.41   |
| Gristo Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run.....               | G                 | 14.50   | 3.50 | 10.00 50.00  |
| 35-6-98.....                                                                              | F                 | 15.44   | 3.62 | 8.05 54.95   |
| Gristo Gray Wheat Shorts with Ground Wheat Screenings, not Exceeding Mill-run.....        | G                 | 16.00   | 3.50 | 6.00 55.00   |
| 35-6-99.....                                                                              | F                 | 14.75   | 3.66 | 3.69 61.54   |
| Gristo Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run.....         | G                 | 15.00   | 3.50 | 8.50 53.00   |
| 35-6-100.....                                                                             | F                 | 16.69   | 3.63 | 6.64 55.47   |
| Gristo Hominy Feed.....                                                                   | G                 | 10.00   | 7.00 | 8.00 55.00   |
| 35-6-101.....                                                                             | F                 | 12.81   | 9.39 | 7.88 54.46   |
| 43 % Protein Soybean Oil Meal.....                                                        | G                 | 43.00   | 4.50 | 6.00 29.00   |
| 35-6-102.....                                                                             | F                 | 41.40   | 6.69 | 5.04 29.76   |
| Gristo All Grain with Molasses.....                                                       | G                 | 10.00   | 3.00 | 10.00 60.00  |
| 35-6-103.....                                                                             | F                 | 10.22   | 3.70 | 3.13 67.44   |
| B and M Molasses Feed.....                                                                | G                 | 9.00    | 2.00 | 15.00 55.00  |
| 35-6-105.....                                                                             | F                 | 8.85    | 3.15 | 6.72 58.30   |
| Drought Relief Molasses Feed.....                                                         | G                 | 9.00    | 1.50 | 18.00 45.00  |
| 35-6-106.....                                                                             | F                 | 7.06    | 1.16 | 11.78 51.74  |
| Gristo Egg Maker.....                                                                     | F                 | 10.00   | 3.00 | 4.00 68.00   |
| 35-6-118.....                                                                             | F                 | 11.13   | 3.37 | 2.47 68.35   |
| B and M Molasses Feed.....                                                                | G                 | 9.00    | 2.00 | 15.00 55.00  |
| 35-6-141.....                                                                             | F                 | 8.11    | 3.85 | 10.08 54.12  |
| Drought Relief Molasses Feed.....                                                         | G                 | 9.00    | 1.50 | 18.00 45.00  |
| 35-6-142.....                                                                             | F                 | 10.01   | 1.80 | 13.07 44.81  |
| Gristo Work Feed.....                                                                     | G                 | 9.00    | 2.00 | 12.00 60.00  |
| 35-6-143.....                                                                             | F                 | 8.86    | 2.72 | 16.31 52.74  |
| Gristo Milk Maker.....                                                                    | G                 | 16.50   | 3.50 | 14.00 45.00  |
| 35-6-144.....                                                                             | F                 | 18.43   | 3.71 | 10.16 46.16  |
| Semo Dairy Feed.....                                                                      | G                 | 16.00   | 3.50 | 15.00 45.00  |
| 35-6-145 <sup>8</sup> .....                                                               | F                 | 15.32   | 3.33 | 11.22 44.49  |
| Gristo Hominy Feed.....                                                                   | G                 | 10.00   | 7.00 | 8.00 55.00   |
| 35-6-148.....                                                                             | F                 | 12.19   | 5.02 | 7.05 57.59   |
| Whoa Mule Molasses Feed.....                                                              | G                 | 9.00    | 2.00 | 15.00 55.00  |
| 35-6-149.....                                                                             | F                 | 9.06    | 3.71 | 11.92 54.28  |
| Gristo Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run.....               | G                 | 14.50   | 3.50 | 10.00 50.00  |
| 35-6-150.....                                                                             | F                 | 14.60   | 3.70 | 9.98 52.78   |
| Gristo All Grain with Molasses.....                                                       | G                 | 10.00   | 3.00 | 10.00 60.00  |
| 35-6-151 <sup>10</sup> .....                                                              | F                 | 9.63    | 4.40 | 5.78 63.11   |
| Gristo Gray Wheat Shorts with Ground Wheat Screenings, not Exceeding Mill-run.....        | G                 | 16.00   | 3.50 | 6.00 55.00   |
| 35-6-152.....                                                                             | F                 | 15.44   | 4.03 | 7.19 57.37   |
| Gristo Dairy Feed.....                                                                    | G                 | 24.00   | 4.00 | 12.00 42.00  |
| 35-6-153 <sup>8</sup> .....                                                               | F                 | 22.49   | 4.14 | 8.26 46.04   |
| Gristo Gray Wheat Shorts with Ground Wheat Screenings, not Exceeding Mill-run.....        | G                 | 16.00   | 3.50 | 6.00 55.00   |
| 35-6-156.....                                                                             | F                 | 17.88   | 4.74 | 4.76 56.60   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)                      | Chemical Analyses |                |               |         |                  |
|----------------------------------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|------------------|
|                                                                                                                | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N.F.E. |
| Gristo Gray Wheat Shorts and Hominy Feed with<br>Ground Wheat and Corn Screenings, not Exceed-<br>ing 8 %..... | G                 | 14.50          | 4.00          | 7.00    | 55.00            |
| 35-6-165.....                                                                                                  | F                 | 14.56          | 4.07          | 4.92    | 60.99            |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding 8 %.....                                      | G                 | 14.50          | 3.50          | 10.00   | 50.00            |
| 35-6-166.....                                                                                                  | F                 | 16.25          | 4.15          | 8.63    | 46.91            |
| B and M Molasses Feed.....                                                                                     | G                 | 9.00           | 2.00          | 15.00   | 55.00            |
| 35-6-167.....                                                                                                  | F                 | 8.39           | 2.12          | 11.72   | 56.63            |
| Semo Chick Feed.....                                                                                           | G                 | 9.00           | 2.50          | 5.00    | 65.00            |
| 35-5-168.....                                                                                                  | F                 | 11.50          | 3.21          | 1.88    | 68.53            |
| Gristo Hominy Feed.....                                                                                        | G                 | 10.00          | 7.00          | 8.00    | 55.00            |
| 35-6-172.....                                                                                                  | F                 | 10.88          | 9.27          | 9.38    | 57.72            |
| Yellow Unbolted Corn Feed Meal.....                                                                            | G                 | 9.00           | 3.00          | 3.00    | 70.00            |
| 35-6-173 <sup>10</sup> .....                                                                                   | F                 | 9.56           | 4.48          | 2.01    | 70.37            |
| Gristo Gray Wheat Shorts with Ground Wheat<br>Screenings, not Exceeding Mill-run.....                          | G                 | 16.00          | 3.50          | 6.00    | 55.00            |
| 35-6-180.....                                                                                                  | F                 | 17.50          | 4.71          | 3.82    | 58.96            |
| Gristo Wheat Mixed Feed with Ground Wheat<br>Screenings, not Exceeding Mill-run.....                           | G                 | 15.00          | 3.50          | 8.50    | 53.00            |
| 35-6-181.....                                                                                                  | F                 | 15.50          | 4.18          | 6.09    | 57.43            |
| Gristo All Mash Starting and Growing.....                                                                      | G                 | 16.00          | 4.50          | 6.00    | 55.00            |
| 35-6-188.....                                                                                                  | F                 | 17.56          | 5.74          | 4.72    | 54.90            |
| Gristo Grey Wheat Shorts and Hominy Feed with<br>Wheat and Corn Screenings, not Exceeding 8 %.                 | G                 | 14.50          | 4.00          | 7.00    | 55.00            |
| 35-6-212 <sup>10</sup> .....                                                                                   | F                 | 16.06          | 4.05          | 4.75    | 58.69            |
| B and M Molasses Feed.....                                                                                     | G                 | 9.00           | 2.00          | 15.00   | 55.00            |
| 35-6-217.....                                                                                                  | F                 | 8.23           | 3.13          | 9.06    | 60.36            |
| Gristo Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run.....                                 | G                 | 14.50          | 3.50          | 10.00   | 50.00            |
| 35-6-218.....                                                                                                  | F                 | 15.69          | 3.91          | 9.09    | 51.80            |
| 50-50 Poultry Feed.....                                                                                        | G                 | 10.00          | 2.50          | 4.00    | 65.00            |
| 35-6-219.....                                                                                                  | F                 | 11.44          | 3.42          | 2.72    | 68.31            |
| Gristo Milk Maker.....                                                                                         | G                 | 16.50          | 2.50          | 14.00   | 45.00            |
| 35-6-220.....                                                                                                  | F                 | 22.44          | 4.04          | 8.90    | 45.44            |
| Gristo Wheat Mixed Feed with Ground Wheat<br>Screenings, not Exceeding Mill-run.....                           | G                 | 15.00          | 3.50          | 8.50    | 53.00            |
| 35-6-222.....                                                                                                  | F                 | 15.88          | 4.85          | 7.65    | 55.08            |
| Intermediate Steel Cut Poultry Chops.....                                                                      | G                 | 9.00           | 3.00          | 3.00    | 70.00            |
| 35-6-223.....                                                                                                  | F                 | 10.00          | 5.21          | 2.06    | 68.69            |
| <b>Sedalia Milling Co., Sedalia, Mo.</b>                                                                       |                   |                |               |         |                  |
| Blue Barrel Daisy Dairy Feed.....                                                                              | G                 | 16.00          | 3.00          | 9.00    | 52.00            |
| 35-1-11.....                                                                                                   | F                 | 18.63          | 4.00          | 10.17   | 50.44            |
| Milky Way Dairy Feed.....                                                                                      | G                 | 9.00           | 1.50          | 14.00   | 52.00            |
| 35-1-12.....                                                                                                   | F                 | 10.19          | 3.18          | 11.06   | 55.86            |
| Soft Wheat Bran and Ground Wheat Screenings,<br>not Exceeding 6 %.....                                         | G                 | 14.00          | 3.00          | 11.00   | 52.00            |
| 35-1-13.....                                                                                                   | F                 | 16.63          | 3.65          | 9.01    | 56.02            |
| Blue Barrel Laying Mash.....                                                                                   | G                 | 14.00          | 3.00          | 8.00    | 50.00            |
| 35-1-14 <sup>8,9,14,16</sup> .....                                                                             | F                 | 15.88          | 4.35          | 6.46    | 51.55            |
| University Laying Mash.....                                                                                    | G                 | 12.00          | 3.00          | 9.00    | 50.00            |
| 35-1-15.....                                                                                                   | F                 | 15.50          | 4.13          | 6.16    | 49.73            |
| Blue Barrel Hen Scratch.....                                                                                   | G                 | 9.00           | 2.00          | 3.00    | 65.00            |
| 35-1-16.....                                                                                                   | F                 | 11.13          | 4.41          | 2.06    | 70.00            |
| Milky Way Dairy Feed.....                                                                                      | G                 | 9.00           | 1.50          | 14.00   | 52.00            |
| 35-4-138.....                                                                                                  | F                 | 11.81          | 3.39          | 10.32   | 54.25            |
| Blue Barrel Dairy Feed.....                                                                                    | G                 | 16.00          | 3.00          | 9.00    | 52.00            |
| 35-12-206.....                                                                                                 | F                 | 18.63          | 5.04          | 8.88    | 51.73            |
| Milk Way Dairy Feed.....                                                                                       | G                 | 9.00           | 1.50          | 14.00   | 52.00            |
| 35-12-207.....                                                                                                 | F                 | 13.50          | 4.24          | 8.09    | 53.96            |
| Blue Barrel Laying Mash.....                                                                                   | G                 | 14.00          | 3.00          | 8.00    | 50.00            |
| 35-12-208 <sup>9</sup> .....                                                                                   | F                 | 16.88          | 5.14          | 7.08    | 52.02            |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |             |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E.      |
| University Laying Mash.....                                                               | G                 | 12.00          | 3.00          | 9.00 50.00  |
| 35-12-209.....                                                                            | F                 | 17.56          | 4.35          | 6.76 49.14  |
| Blue Barrel Hen Scratch.....                                                              | G                 | 9.00           | 2.00          | 3.00 65.00  |
| 35-12-210.....                                                                            | F                 | 11.00          | 4.01          | 2.04 70.12  |
| <b>Sedalia Trading Co., Sedalia, Mo.</b>                                                  |                   |                |               |             |
| Egg Mash.....                                                                             | G                 | 15.00          | 3.00          | 9.00 50.00  |
| 35-4-137 <sup>18</sup> .....                                                              | F                 | 15.75          | 4.72          | 9.95 50.81  |
| Hen Scratch.....                                                                          | G                 | 9.00           | 4.50          | 2.50 65.00  |
| 35-12-211.....                                                                            | F                 | 11.69          | 3.40          | 1.95 69.41  |
| Egg Mash.....                                                                             | G                 | 15.00          | 3.00          | 9.00 50.00  |
| 35-12-212 <sup>18</sup> .....                                                             | F                 | 18.00          | 4.45          | 8.80 50.36  |
| <b>Seitz Packing Co., St. Joseph, Mo.</b>                                                 |                   |                |               |             |
| Meat and Bone Scraps.....                                                                 | G                 | 51.00          | 11.00         | 1.50 0.71   |
| 35-7-45.....                                                                              | F                 | 46.40          | 11.00         | 1.19 0.38   |
| <b>G. C. Shannon &amp; Sons, Mountain Grove, Mo.</b>                                      |                   |                |               |             |
| Special Dairy Feed.....                                                                   | G                 | 16.00          | 3.50          | 9.50 47.00  |
| 35-12-30 <sup>20</sup> .....                                                              | F                 | 18.25          | 5.36          | 8.00 52.02  |
| Egg Layer.....                                                                            | G                 | 18.00          | 4.50          | 6.00 49.00  |
| 35-12-31 <sup>20</sup> .....                                                              | F                 | 19.06          | 5.71          | 7.53 50.84  |
| <b>Frank Shapfro, Stewartsville, Mo.</b>                                                  |                   |                |               |             |
| Shapiro Egg Mash.....                                                                     | G                 | 17.00          | 4.00          | 7.00 53.00  |
| 35-10-53 <sup>13</sup> .....                                                              | F                 | 19.81          | 6.75          | 8.12 48.50  |
| <b>Sharp Stores Co., Middletown, Mo.</b>                                                  |                   |                |               |             |
| Sharp's Daily Layer.....                                                                  | G                 | 21.00          | 4.00          | 8.00 48.00  |
| 35-7-21 <sup>13</sup> .....                                                               | F                 | 21.31          | 5.71          | 4.28 49.67  |
| Sharp's Starting Mash.....                                                                | G                 | 16.10          | 4.80          | 3.60 56.90  |
| 35-7-22 <sup>13</sup> .....                                                               | F                 | 16.81          | 5.54          | 3.44 56.33  |
| <b>G. M. Shaw, Norwood, Mo.</b>                                                           |                   |                |               |             |
| Daisy Laying Mash.....                                                                    | G                 | 20.00          | 4.00          | 6.00 50.00  |
| 35-10-231 <sup>18</sup> .....                                                             | F                 | 20.00          | 6.28          | 5.88 50.17  |
| <b>Shelbina Milling Co., Shelbina, Mo.</b>                                                |                   |                |               |             |
| Shelbina Laying Mash.....                                                                 | G                 | 16.00          | 3.50          | 6.50 47.00  |
| 35-4-49 <sup>9</sup> .....                                                                | F                 | 16.00          | 4.96          | 4.72 55.16  |
| <b>Shellabarger Mill and Elevator Co., Salina, Kan.</b>                                   |                   |                |               |             |
| Wheat Bran and Ground Wheat Screenings, not to<br>Exceed 8%.....                          | G                 | 14.50          | 3.50          | 11.00 47.00 |
| 35-9-171 <sup>7,18</sup> .....                                                            | F                 | 18.63          | 4.79          | 9.79 49.17  |
| Wheat Gray Shorts.....                                                                    | G                 | 17.00          | 3.50          | 5.50 55.00  |
| 35-11-54 <sup>7,18</sup> .....                                                            | F                 | 19.00          | 4.40          | 5.03 56.37  |
| Wheat Bran and Ground Wheat Screenings, not<br>Exceeding 8%.....                          | G                 | 14.50          | 3.50          | 11.00 47.00 |
| 35-11-55 <sup>7,18</sup> .....                                                            | F                 | 18.44          | 5.31          | 9.00 49.29  |
| Wheat Gray Shorts.....                                                                    | G                 | 17.00          | 3.50          | 5.50 55.00  |
| 35-11-75 <sup>7,18</sup> .....                                                            | F                 | 19.50          | 4.26          | 5.30 55.20  |
| Wheat Mixed Feed and Ground Wheat Screenings,<br>not Exceeding 8%.....                    | G                 | 16.00          | 3.50          | 8.50 52.00  |
| 35-12-122 <sup>7,18</sup> .....                                                           | F                 | 18.00          | 4.62          | 8.41 52.51  |
| <b>Sherwood and Sons, Kahoka, Mo.</b>                                                     |                   |                |               |             |
| Corn and Oat Chop.....                                                                    | G                 | 9.00           | 2.50          | 3.60 62.00  |
| 35-1-241.....                                                                             | F                 | 10.50          | 4.67          | 4.75 64.03  |
| <b>Signer and Signer, Arcadia, Mo.</b>                                                    |                   |                |               |             |
| S & S Dairy Feed.....                                                                     | G                 | 15.60          | 4.70          | 6.50 60.00  |
| 35-6-174 <sup>18</sup> .....                                                              | F                 | 15.69          | 4.80          | 5.49 58.97  |
| S & S Laying Mash.....                                                                    | G                 | 22.50          | 5.00          | 5.50 51.00  |
| 35-6-175 <sup>18</sup> .....                                                              | F                 | 20.88          | 5.41          | 4.68 47.51  |
| S & S Hen Scratch.....                                                                    | G                 | 10.50          | 4.50          | 4.50 68.00  |
| 35-6-176 <sup>18</sup> .....                                                              | F                 | 12.56          | 4.19          | 3.58 69.56  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |      |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat  | Fiber N.F.E. |
| <b>Silex Mills, Silex, Mo.</b>                                                            |                                |         |      |              |
| Missouri Formula Starting Mash.....                                                       | G                              | 14.00   | 2.75 | 5.00 53.00   |
| 35-9-149.....                                                                             | F                              | 16.69   | 4.30 | 4.56 56.66   |
| Eg-Getter Egg Mash.....                                                                   | G                              | 17.00   | 4.50 | 6.60 50.00   |
| 35-9-150.....                                                                             | F                              | 19.56   | 4.80 | 6.36 50.64   |
| Wayne Local Mix Chick Mash.....                                                           | G                              | 16.00   | 3.50 | 6.00 50.00   |
| 35-9-151.....                                                                             | F                              | 17.19   | 4.18 | 3.44 57.24   |
| Medium Screened Corn.....                                                                 | G                              | 9.00    | 3.50 | 3.50 65.00   |
| 35-9-152.....                                                                             | F                              | 10.75   | 1.75 | 1.46 69.29   |
| Missouri Formula Growing Mash.....                                                        | G                              | 16.00   | 3.00 | 6.00 45.00   |
| 35-9-153.....                                                                             | F                              | 19.06   | 4.49 | 4.58 51.46   |
| Soft Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding 10 %.....               | G                              | 14.33   | 2.89 | 7.78 60.39   |
| 35-9-154 <sup>22</sup> .....                                                              | F                              | 16.13   | 4.15 | 6.24 59.03   |
| Soft Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run.....                 | G                              | 14.50   | 2.25 | 12.50 54.60  |
| 35-9-157 <sup>18</sup> .....                                                              | F                              | 15.81   | 3.79 | 10.11 54.37  |
| Eg-Getter Egg Mash.....                                                                   | G                              | 17.00   | 4.50 | 6.60 50.00   |
| 35-12-75.....                                                                             | F                              | 18.13   | 5.45 | 6.56 51.90   |
| Missouri Formula Starting Mash.....                                                       | G                              | 14.00   | 2.75 | 5.00 53.00   |
| 35-12-76.....                                                                             | F                              | 16.13   | 4.80 | 4.34 58.27   |
| <b>Silver Lake Mills, Phillipsburg, Mo.</b>                                               |                                |         |      |              |
| Superior Egg Mash.....                                                                    | G                              | 18.00   | 4.00 | 8.00 45.00   |
| 35-3-49 <sup>13</sup> .....                                                               | F                              | 19.75   | 5.79 | 5.86 47.35   |
| Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run.....                | G                              | 15.00   | 3.00 | 8.50 50.00   |
| 35-3-50 <sup>22</sup> .....                                                               | F                              | 15.94   | 4.08 | 6.55 57.04   |
| Wheat Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run.....                | G                              | 15.00   | 3.00 | 8.50 50.00   |
| 35-9-243 <sup>22</sup> .....                                                              | F                              | 16.00   | 4.59 | 6.64 57.46   |
| Superior Egg Mash.....                                                                    | G                              | 18.00   | 4.00 | 8.00 45.00   |
| 35-9-244 <sup>13</sup> .....                                                              | F                              | 18.50   | 5.40 | 7.17 48.69   |
| Growing Mash.....                                                                         | G                              | 13.00   | 4.00 | 7.00 50.00   |
| 35-9-245 <sup>13</sup> .....                                                              | F                              | 17.69   | 5.37 | 5.17 54.07   |
| <b>Slater Mill and Elev. Co., Slater, Mo.</b>                                             |                                |         |      |              |
| Hummer Winter Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run.....        | G                              | 15.00   | 3.50 | 9.20 52.00   |
| 35-2-125 <sup>7</sup> .....                                                               | F                              | 16.38   | 3.85 | 10.50 51.32  |
| Hummer Gray Winter Wheat Shorts with Ground Wheat Screenings, not Exceeding Mill-run..... | G                              | 15.19   | 4.24 | 6.00 57.00   |
| 35-2-126 <sup>7</sup> .....                                                               | F                              | 16.81   | 4.83 | 5.68 58.96   |
| Hummer Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run.....               | G                              | 14.50   | 4.00 | 7.00 56.00   |
| 35-2-127 <sup>7,9</sup> .....                                                             | F                              | 16.38   | 4.02 | 7.05 57.55   |
| Hummer Laying Mash.....                                                                   | G                              | 20.00   | 6.00 | 5.50 45.00   |
| 35-2-128.....                                                                             | F                              | 21.38   | 6.00 | 4.91 47.78   |
| Missouri Formula Laying Mash.....                                                         | G                              | 10.00   | 6.00 | 5.00 62.00   |
| 35-2-129 <sup>21</sup> .....                                                              | F                              | 18.75   | 5.18 | 5.14 53.07   |
| Hummer Hen Scratch.....                                                                   | G                              | 10.00   | 3.00 | 4.00 56.00   |
| 35-2-130 <sup>9</sup> .....                                                               | F                              | 11.81   | 5.21 | 3.71 67.00   |
| Hummer Mixed Feed with Ground Wheat Screenings, not Exceeding Mill-run.....               | G                              | 16.00   | 5.00 | 6.50 54.80   |
| 35-5-66 <sup>7,9,13</sup> .....                                                           | F                              | 16.25   | 4.96 | 7.13 54.89   |
| Hummer Winter Wheat Bran with Ground Wheat Screenings, not Exceeding Mill-run.....        | G                              | 15.00   | 3.50 | 9.20 52.00   |
| 35-5-67 <sup>7</sup> .....                                                                | F                              | 16.44   | 4.05 | 9.08 51.50   |
| Hummer Gray Winter Wheat Shorts with Ground Wheat Screenings, not Exceeding Mill-run..... | G                              | 15.19   | 4.24 | 6.00 57.99   |
| 35-5-68 <sup>7</sup> .....                                                                | F                              | 15.81   | 5.09 | 4.96 59.13   |
| Hummer Laying Mash.....                                                                   | G                              | 20.00   | 6.00 | 5.50 45.00   |
| 35-5-69.....                                                                              | F                              | 20.50   | 5.22 | 4.86 49.10   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |              |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |              |
|                                                                                           |                   | Protein        | Fat           | Fiber N.F.E. |
| Hummer Hen Scratch.....                                                                   | G                 | 10.00          | 3.00          | 4.00 56.00   |
| 35-5-70 <sup>9</sup> .....                                                                | F                 | 11.88          | 3.39          | 2.63 67.27   |
| Hummer Baby Chick Starter.....                                                            | G                 | 10.00          | 2.50          | 5.00 55.00   |
| 35-5-71.....                                                                              | F                 | 18.81          | 4.98          | 5.22 51.10   |
| <b>W. J. Small Hay and Grain Co., Neodesha, Kan.</b>                                      |                   |                |               |              |
| Verdigris Valley Special Alfalfa Meal No. 1 Fine Ground.....                              | G                 | 12.00          | 1.50          | 30.00 40.00  |
| 35-1-212 <sup>9</sup> .....                                                               | F                 | 18.50          | 3.19          | 25.99 35.23  |
| Verdigris Valley Special Alfalfa Meal No. 2, Medium Ground.....                           | G                 | 12.00          | 1.50          | 30.00 40.00  |
| 35-3-124.....                                                                             | F                 | 18.19          | 3.08          | 24.81 32.96  |
| Verdigris Valley Special Alfalfa Meal No. 2, Fine Ground.....                             | G                 | 12.00          | 1.50          | 30.00 40.00  |
| 35-3-125.....                                                                             | F                 | 16.38          | 2.02          | 28.87 35.19  |
| Excello Dehydrated Alfalfa Meal.....                                                      | G                 | 20.00          | 1.75          | 20.00 35.00  |
| 35-3-186.....                                                                             | F                 | 19.06          | 4.36          | 13.90 40.18  |
| Verdigris Valley Special Alfalfa Meal No. 1, Fine Ground.....                             | G                 | 12.00          | 1.50          | 30.00 40.00  |
| 35-4-29.....                                                                              | F                 | 12.94          | 2.77          | 28.22 38.85  |
| Keystone Dehydrated Alfalfa Meal.....                                                     | G                 | 17.00          | 1.75          | 27.00 35.00  |
| 35-7-98.....                                                                              | F                 | 17.50          | 2.35          | 23.07 39.44  |
| Keystone (Fine Ground) Dehydrated Alfalfa Meal...                                         | G                 | 17.00          | 1.75          | 27.00 35.00  |
| 35-7-132.....                                                                             | F                 | 18.69          | 3.55          | 20.70 38.20  |
| Keystone Dehydrated Alfalfa Meal.....                                                     | G                 | 17.00          | 1.75          | 27.00 35.00  |
| 35-7-239.....                                                                             | F                 | 17.75          | 3.35          | 22.13 38.83  |
| Excello Fine Ground Dehydrated Alfalfa Meal.....                                          | G                 | 20.00          | 2.50          | 18.00 35.00  |
| 35-9-155 <sup>9</sup> .....                                                               | F                 | 21.88          | 4.33          | 19.37 34.88  |
| <b>Homer Smith Milg. Co., Mt. Vernon, Mo.</b>                                             |                   |                |               |              |
| Universal Dairy Feed.....                                                                 | G                 | 13.00          | 3.50          | 9.50 45.00   |
| 35-8-32 <sup>4,5,16,18</sup> .....                                                        | F                 | 11.19          | 3.39          | 12.72 55.26  |
| Universal Laying Mash.....                                                                | G                 | 18.00          | 3.50          | 5.50 45.00   |
| 35-8-33 <sup>4,5,18</sup> .....                                                           | F                 | 18.19          | 4.80          | 5.16 50.09   |
| Universal All Mash Starter.....                                                           | G                 | 13.50          | 3.00          | 4.50 50.00   |
| 35-8-34 <sup>4,5,18</sup> .....                                                           | F                 | 18.06          | 5.26          | 3.42 52.35   |
| <b>Smithton Creamery Co., Smithton, Mo.</b>                                               |                   |                |               |              |
| Bremer's Dried Buttermilk.....                                                            | G                 | 30.00          | 5.50          | 0.00 40.00   |
| 35-4-130 <sup>3</sup> .....                                                               | F                 | 33.56          | 7.86          | 0.00 45.65   |
| Bremer's Dried Buttermilk.....                                                            | G                 | 30.00          | 5.50          | 0.00 40.00   |
| 35-11-228 <sup>5,8</sup> .....                                                            | F                 | 31.00          | 4.49          | 0.00 48.29   |
| <b>Smithville Farmers Exchange, Smithville, Mo.</b>                                       |                   |                |               |              |
| Smithville's Missouri Formula All-Mash Chick Ration.....                                  | G                 | 14.50          | 5.00          | 4.00 57.00   |
| 35-8-151 <sup>13</sup> .....                                                              | F                 | 15.94          | 5.86          | 4.40 55.24   |
| Smithville's Missouri Formula Growing Mash.....                                           | G                 | 17.00          | 3.50          | 5.00 51.00   |
| 35-8-152 <sup>13</sup> .....                                                              | F                 | 20.06          | 4.94          | 5.07 47.52   |
| Smithville's Missouri Formula Laying Mash.....                                            | G                 | 20.00          | 4.00          | 5.50 46.00   |
| 35-8-153 <sup>17</sup> .....                                                              | F                 | 23.19          | 5.27          | 5.54 42.81   |
| Smithville's Missouri Formula Laying Mash.....                                            | G                 | 20.00          | 4.00          | 5.50 46.50   |
| 35-12-62 <sup>13</sup> .....                                                              | F                 | 21.13          | 7.45          | 5.46 45.84   |
| <b>Southern Cotton Oil Co., Newport, Ark.</b>                                             |                   |                |               |              |
| Scoco Brand Cottonseed Meal, 41 % Protein.....                                            | G                 | 41.00          | 5.00          | 14.00 23.00  |
| 35-11-50 <sup>4,5</sup> .....                                                             | F                 | 45.50          | 6.01          | 11.10 23.62  |
| Scoco Brand Cottonseed Cake, 41 % Protein.....                                            | G                 | 41.00          | 5.00          | 14.00 23.00  |
| 35-12-19 <sup>4,5</sup> .....                                                             | F                 | 43.06          | 7.10          | 10.41 23.91  |
| <b>Southwest Milling Co., Southwest City, Mo.</b>                                         |                   |                |               |              |
| Mill-run Mixed Feed.....                                                                  | G                 | 14.23          | 2.85          | 11.82 54.00  |
| 35-3-34 <sup>13</sup> .....                                                               | F                 | 17.44          | 5.67          | 7.22 54.98   |
| Screened Corn Chop.....                                                                   | G                 | 9.88           | 3.39          | 2.52 70.00   |
| 35-3-35 <sup>3</sup> .....                                                                | F                 | 9.63           | 6.36          | 1.82 70.95   |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |         |       |              |
|-------------------------------------------------------------------------------------------|--------------------------------|---------|-------|--------------|
|                                                                                           | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber N.F.E. |
| <b>Southwestern Milling Division of the Standard Milling Co., Kansas City, Mo.</b>        |                                |         |       |              |
| Optima Mixed Feed and Ground Wheat Screenings,<br>not Exceeding 8 %.....                  | G 16.00                        | 3.75    | 8.50  | 51.50        |
| 35-1-211 <sup>18,22</sup> .....                                                           | F 18.19                        | 4.62    | 6.77  | 53.30        |
| Red Turkey Wheat Gray Shorts and Ground Wheat<br>Screenings, not Exceeding 8 %.....       | G 16.00                        | 3.75    | 6.00  | 55.00        |
| 35-3-105 <sup>13,22</sup> .....                                                           | F 18.81                        | 5.35    | 4.86  | 55.74        |
| Red Turkey Gray Wheat Shorts and Ground Wheat<br>Screenings, not Exceeding 8 %.....       | G 16.00                        | 3.75    | 6.00  | 55.00        |
| 35-4-8 <sup>18</sup> .....                                                                | F 17.31                        | 4.32    | 5.76  | 57.25        |
| Red Turkey Pure Wheat Bran.....                                                           | G 15.00                        | 3.50    | 10.00 | 50.00        |
| 35-4-9 <sup>18</sup> .....                                                                | F 17.13                        | 3.63    | 9.55  | 50.73        |
| Aristos Mixed Feed and Ground Wheat Screenings,<br>not Exceeding 8 %.....                 | G 16.00                        | 3.75    | 8.50  | 51.50        |
| 35-4-10 <sup>18</sup> .....                                                               | F 17.50                        | 3.89    | 7.47  | 54.02        |
| Red Turkey Pure Wheat Bran.....                                                           | G 15.00                        | 3.50    | 10.00 | 50.00        |
| 35-11-181 <sup>18</sup> .....                                                             | F 17.25                        | 4.54    | 10.70 | 50.49        |
| Red Turkey Wheat Gray Shorts and Ground Wheat<br>Screenings, not Exceeding 8 %.....       | G 16.00                        | 3.75    | 6.00  | 55.00        |
| 35-11-182 <sup>22</sup> .....                                                             | F 18.75                        | 4.80    | 6.76  | 54.59        |
| <b>Sparks Milling Co., Alton, Ill.</b>                                                    |                                |         |       |              |
| Grey Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding Mill-run.....             | G 16.00                        | 4.00    | 6.00  | 50.00        |
| 35-1-251 <sup>10,22</sup> .....                                                           | F 18.63                        | 4.11    | 4.11  | 56.91        |
| Try Me Wheat Mixed Feed.....                                                              | G 16.00                        | 3.50    | 8.50  | 50.00        |
| 35-2-231 <sup>13</sup> .....                                                              | F 17.19                        | 3.86    | 7.17  | 54.96        |
| Try Me Wheat Bran.....                                                                    | G 15.00                        | 3.50    | 10.00 | 50.00        |
| 35-2-232.....                                                                             | F 16.88                        | 3.71    | 9.13  | 54.39        |
| Try-Me Wheat Bran and Ground Wheat Screenings,<br>not Exceeding Mill-run.....             | G 15.00                        | 3.50    | 10.00 | 50.00        |
| 35-9-133.....                                                                             | F 17.88                        | 3.85    | 8.23  | 53.49        |
| <b>Spear Brand Mills, Inc., Kansas City, Mo.</b>                                          |                                |         |       |              |
| Green Spear All Mash Chick Ration.....                                                    | G 15.00                        | 4.00    | 6.50  | 50.00        |
| 35-3-161.....                                                                             | F 16.25                        | 4.65    | 6.29  | 55.51        |
| Green Spear Chick Grains.....                                                             | G 10.00                        | 3.00    | 3.50  | 65.00        |
| 35-3-162 <sup>7</sup> .....                                                               | F 13.00                        | 2.80    | 2.00  | 68.80        |
| Spear Brand Start to Finish Chick Mash.....                                               | G 17.00                        | 4.00    | 5.00  | 56.00        |
| 35-3-163 <sup>7</sup> .....                                                               | F 18.94                        | 4.74    | 5.12  | 53.48        |
| Red Spear Egg Mash.....                                                                   | G 20.00                        | 4.00    | 7.00  | 53.00        |
| 35-3-164 <sup>7</sup> .....                                                               | F 22.56                        | 4.35    | 6.93  | 47.34        |
| Craeker Jaek All-in-One Ration.....                                                       | G 14.50                        | 3.00    | 8.00  | 48.00        |
| 35-3-165 <sup>7</sup> .....                                                               | F 16.00                        | 4.37    | 8.45  | 50.29        |
| Green Spear Serateh Grains.....                                                           | G 10.50                        | 3.00    | 3.00  | 65.00        |
| 35-3-166 <sup>7</sup> .....                                                               | F 11.25                        | 3.40    | 2.00  | 70.12        |
| Red Spear Serateh Grain.....                                                              | G 10.50                        | 3.00    | 3.00  | 65.00        |
| 35-3-167 <sup>7</sup> .....                                                               | F 11.13                        | 3.88    | 1.93  | 69.50        |
| Blue Spear Mixed Feed.....                                                                | G 11.00                        | 3.50    | 12.00 | 45.00        |
| 35-3-168 <sup>8</sup> .....                                                               | F 12.75                        | 3.58    | 13.86 | 49.99        |
| Green Spear Egg Mash.....                                                                 | G 18.00                        | 3.50    | 7.50  | 52.00        |
| 35-3-169 <sup>7,8</sup> .....                                                             | F 18.44                        | 4.01    | 5.74  | 54.19        |
| Red Spear Growing Mash.....                                                               | G 19.50                        | 4.00    | 7.00  | 50.00        |
| 35-3-170 <sup>7</sup> .....                                                               | F 19.81                        | 4.76    | 4.85  | 52.21        |
| Pulverized Yellow Corn.....                                                               | G 9.00                         | 3.50    | 3.00  | 70.00        |
| 35-3-171.....                                                                             | F 9.50                         | 3.52    | 1.78  | 68.75        |
| Yellow Screened and Polished Corn Chop.....                                               | G 9.00                         | 3.50    | 3.00  | 70.00        |
| 35-3-173.....                                                                             | F 8.69                         | 3.54    | 1.65  | 20.17        |
| Summer Gal Bulky Cow Feed.....                                                            | G 9.00                         | 3.50    | 14.00 | 50.00        |
| 35-3-174 <sup>9</sup> .....                                                               | F 13.37                        | 3.51    | 10.25 | 50.03        |
| Red Spear Horse and Mule Feed.....                                                        | G 10.00                        | 3.00    | 10.00 | 55.00        |
| 35-3-175.....                                                                             | F 9.81                         | 3.42    | 4.50  | 64.80        |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| Red Spear 24 % Dairy Feed.....                                                            | G                 | 24.00          | 3.50          | 10.00 | 43.00  |
| 35-3-176.....                                                                             | F                 | 22.00          | 3.64          | 9.62  | 45.59  |
| Green Spear Dairy Feed.....                                                               | G                 | 16.00          | 4.00          | 15.00 | 43.00  |
| 35-3-177.....                                                                             | F                 | 15.47          | 2.44          | 12.68 | 49.77  |
| Perfecto Lasses Feed.....                                                                 | G                 | 5.00           | 0.75          | 17.00 | 48.00  |
| 35-3-178 <sup>7</sup> .....                                                               | F                 | 5.20           | 0.88          | 19.35 | 49.43  |
| Honey Gal Dairy Ration.....                                                               | G                 | 17.00          | 5.50          | 10.00 | 50.00  |
| 35-3-179 <sup>7,9</sup> .....                                                             | F                 | 13.60          | 4.10          | 12.22 | 52.09  |
| Pulverized Yellow Corn.....                                                               | G                 | 9.00           | 3.50          | 3.00  | 70.00  |
| 35-3-180.....                                                                             | F                 | 9.50           | 4.13          | 2.33  | 70.50  |
| Red Spear Developing Grain.....                                                           | G                 | 10.50          | 3.00          | 3.00  | 65.00  |
| 35-3-205 <sup>7</sup> .....                                                               | F                 | 11.50          | 3.16          | 1.92  | 69.66  |
| Green Spear Horse and Mule Feed.....                                                      | G                 | 10.00          | 2.00          | 15.00 | 55.00  |
| 35-3-206.....                                                                             | F                 | 9.74           | 3.07          | 7.05  | 62.54  |
| Blue Spear Horse and Mule Feed.....                                                       | G                 | 8.00           | 1.50          | 18.00 | 48.00  |
| 35-3-207.....                                                                             | F                 | 6.78           | 2.52          | 9.91  | 64.11  |
| Green Spear Alfalfa Molasses.....                                                         | G                 | 10.00          | 1.00          | 24.00 | 43.00  |
| 35-3-208.....                                                                             | F                 | 6.35           | 1.23          | 18.33 | 49.38  |
| Red Spear Chick Grains.....                                                               | G                 | 10.00          | 3.00          | 3.50  | 65.00  |
| 35-3-209 <sup>7,9</sup> .....                                                             | F                 | 11.63          | 3.00          | 1.84  | 70.18  |
| Red Spear Calf Meal.....                                                                  | G                 | 24.00          | 4.00          | 4.00  | 55.00  |
| 35-3-210.....                                                                             | F                 | 24.06          | 4.58          | 4.28  | 52.26  |
| Red Spear Pig Meal.....                                                                   | G                 | 26.00          | 4.00          | 6.00  | 45.00  |
| 35-3-211.....                                                                             | F                 | 27.81          | 4.65          | 4.55  | 44.64  |
| Red Spear Big 40 Hog Feed.....                                                            | G                 | 40.00          | 5.00          | 6.00  | 30.00  |
| 35-3-212.....                                                                             | F                 | 40.81          | 5.15          | 4.72  | 27.16  |
| Red Spear Hog Feed.....                                                                   | G                 | 20.00          | 4.00          | 7.00  | 45.00  |
| 35-3-213.....                                                                             | F                 | 21.38          | 3.94          | 6.68  | 45.15  |
| Spear Brand Combination Sweet Feed.....                                                   | G                 | 6.00           | 1.50          | 20.00 | 43.50  |
| 35-3-214 <sup>7</sup> .....                                                               | F                 | 5.43           | 1.63          | 15.91 | 52.68  |
| Red Spear Rabbit Feed.....                                                                | G                 | 15.00          | 4.50          | 9.00  | 58.00  |
| 35-3-215 <sup>7,11</sup> .....                                                            | F                 | 15.25          | 4.50          | 6.66  | 57.79  |
| Red Spear 32 % Egg Mash Supplement.....                                                   | G                 | 32.00          | 4.00          | 8.00  | 25.00  |
| 35-3-216.....                                                                             | F                 | 30.25          | 4.42          | 8.20  | 34.85  |
| Red Spear 34 % Dairy Supplement.....                                                      | G                 | 34.00          | 4.00          | 7.00  | 33.00  |
| 35-3-217.....                                                                             | F                 | 35.78          | 3.37          | 5.28  | 39.27  |
| Spear Brand Start to Finish Chick Mash.....                                               | G                 | 17.00          | 4.00          | 5.00  | 56.00  |
| 35-5-49.....                                                                              | F                 | 18.19          | 5.16          | 5.10  | 53.33  |
| Cracker Jack All-in-One Ration.....                                                       | G                 | 14.50          | 3.00          | 8.00  | 48.00  |
| 35-5-50 <sup>7</sup> .....                                                                | F                 | 16.63          | 4.16          | 7.76  | 50.81  |
| Green Spear All Mash Chick Ration.....                                                    | G                 | 15.00          | 4.00          | 6.50  | 50.00  |
| 35-5-51.....                                                                              | F                 | 14.88          | 4.54          | 5.23  | 56.58  |
| Red Spear Cattle Fattener.....                                                            | G                 | 10.00          | 3.00          | 7.50  | 54.00  |
| 35-5-52.....                                                                              | F                 | 11.50          | 2.69          | 5.94  | 57.83  |
| Spear Brand Start to Finish Chick Mash.....                                               | G                 | 17.00          | 4.00          | 5.00  | 56.00  |
| 35-5-118.....                                                                             | F                 | 19.25          | 5.40          | 5.12  | 46.61  |
| Green Spear All Mash Chick Ration.....                                                    | G                 | 15.00          | 4.00          | 6.50  | 50.00  |
| 35-5-120.....                                                                             | F                 | 16.44          | 4.38          | 4.46  | 52.01  |
| Summer Gal Bulky Cow Feed.....                                                            | G                 | 9.00           | 3.50          | 14.00 | 50.00  |
| 35-7-87 <sup>9</sup> .....                                                                | F                 | 13.71          | 3.38          | 10.92 | 49.16  |
| Red Spear Egg Mash.....                                                                   | G                 | 20.00          | 4.00          | 7.00  | 53.00  |
| 35-7-89.....                                                                              | F                 | 25.44          | 3.86          | 7.15  | 42.70  |
| Green Spear Egg Mash.....                                                                 | G                 | 18.00          | 3.50          | 7.50  | 52.00  |
| 35-7-90 <sup>7,8,13,26</sup> .....                                                        | F                 | 18.06          | 3.48          | 7.25  | 52.94  |
| Green Spear Scratch Grains.....                                                           | G                 | 10.50          | 3.00          | 3.00  | 65.00  |
| 35-7-91 <sup>7</sup> .....                                                                | F                 | 10.94          | 2.88          | 1.65  | 72.10  |
| Fine Hominy Feed.....                                                                     | G                 | 10.00          | 5.00          | 2.50  | 67.00  |
| 35-7-92 <sup>7</sup> .....                                                                | F                 | 11.44          | 7.76          | 5.95  | 59.25  |
| Corn Feed Meal.....                                                                       | G                 | 10.00          | 5.00          | 2.50  | 67.00  |
| 35-7-93 <sup>7</sup> .....                                                                | F                 | 10.00          | 2.87          | 2.41  | 68.79  |
| Yellow Screened and Polished Chick Corn.....                                              | G                 | 9.00           | 3.50          | 3.00  | 70.00  |
| 35-7-94.....                                                                              | F                 | 9.25           | 3.27          | 0.72  | 73.81  |
| Perfecto Lasses Feed.....                                                                 | G                 | 5.00           | 0.75          | 17.00 | 48.00  |
| 35-7-100 <sup>7</sup> .....                                                               | F                 | 5.86           | 0.98          | 21.02 | 47.33  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)       | Chemical Analyses<br>% Guaranteed (G) and Found (F) |       |       |        |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------|-------|--------|
|                                                                                                 | Protein                                             | Fat   | Fiber | N.F.E. |
| Cracker Jack All-In-One Hen Ration.....                                                         | G 14.50                                             | 3.00  | 8.00  | 48.00  |
| 35-8-100 <sup>7</sup> .....                                                                     | F 16.50                                             | 5.02  | 8.46  | 51.47  |
| Green Spear All Mash Chick Ration.....                                                          | G 15.00                                             | 4.00  | 6.50  | 50.00  |
| 35-8-127 <sup>2</sup> .....                                                                     | F 17.38                                             | 4.45  | 5.87  | 54.52  |
| Green Spear Egg Mash.....                                                                       | G 18.00                                             | 3.50  | 7.50  | 52.00  |
| 35-8-128 <sup>7</sup> .....                                                                     | F 20.19                                             | 3.93  | 5.43  | 51.09  |
| Cracker Jack All-In-One Hen Ration.....                                                         | G 14.50                                             | 3.00  | 8.00  | 48.00  |
| 35-8-129 <sup>7</sup> .....                                                                     | F 15.31                                             | 3.80  | 7.44  | 56.24  |
| Red Spear Station Fattener.....                                                                 | G 13.50                                             | 5.00  | 4.00  | 60.00  |
| 35-11-77 <sup>8,9</sup> .....                                                                   | F 15.75                                             | 4.37  | 4.10  | 57.42  |
| Blue Spear 12 % Dairy Feed.....                                                                 | G 12.00                                             | 2.00  | 15.00 | 48.00  |
| 35-11-78.....                                                                                   | F 14.63                                             | 3.45  | 10.14 | 54.94  |
| Green Spear Scratch Grains.....                                                                 | G 10.50                                             | 3.00  | 3.00  | 65.00  |
| 35-11-79 <sup>7</sup> .....                                                                     | F 11.50                                             | 3.56  | 2.49  | 69.26  |
| Green Spear Chick Grain.....                                                                    | G 10.00                                             | 3.00  | 3.50  | 65.00  |
| 35-11-80 <sup>7</sup> .....                                                                     | F 11.44                                             | 3.09  | 1.26  | 71.78  |
| Red Spear Horse and Mule Feed.....                                                              | G 10.00                                             | 3.00  | 10.00 | 55.00  |
| 35-12-49.....                                                                                   | F 10.38                                             | 4.12  | 3.02  | 71.13  |
| Cracker Jack All-In-One Hen Ration.....                                                         | G 14.50                                             | 3.00  | 8.00  | 48.00  |
| 35-12-204 <sup>7</sup> .....                                                                    | F 19.56                                             | 4.70  | 9.18  | 47.77  |
| <b>Speas Manufacturing Co., Kansas City, Mo.</b>                                                |                                                     |       |       |        |
| Distillers Dried Grains.....                                                                    | G 31.00                                             | 10.50 | 16.00 | 48.00  |
| 35-9-11 <sup>9,21</sup> .....                                                                   | F 33.13                                             | 14.32 | 12.76 | 32.83  |
| <b>Spring Creek Mills, Hurley, Mo.</b>                                                          |                                                     |       |       |        |
| Mixed Feed and Ground Wheat Screenings, not<br>Exceeding 10 %.....                              | G 14.56                                             | 4.40  | 6.74  | 58.63  |
| 35-11-205 <sup>7</sup> .....                                                                    | F 14.94                                             | 4.47  | 9.58  | 54.63  |
| <b>Springfield Creamery Co., Springfield, Mo.</b>                                               |                                                     |       |       |        |
| Dried Buttermilk.....                                                                           | G 30.00                                             | 5.00  | 0.00  | 45.00  |
| 35-9-195.....                                                                                   | F 38.06                                             | 5.91  | 0.00  | 40.42  |
| <b>Springfield Flour Mills, Springfield, Mo.</b>                                                |                                                     |       |       |        |
| Albatross Wheat Bran with Ground Wheat Screen-<br>ings, not Exceeding Mill-run or 8 %.....      | G 15.00                                             | 3.50  | 11.00 | 50.00  |
| 35-11-57.....                                                                                   | F 14.44                                             | 3.78  | 9.35  | 54.71  |
| Albatross Wheat Gray Shorts with Ground Wheat<br>Screenings, not Exceeding Mill-run or 8 %..... | G 16.00                                             | 4.00  | 6.00  | 58.00  |
| 35-12-7 <sup>22</sup> .....                                                                     | F 17.19                                             | 7.88  | 4.26  | 57.41  |
| Albatross Wheat Mixed Feed with Ground Wheat<br>Screenings, not Exceeding Mill-run or 8 %.....  | G 15.50                                             | 3.50  | 8.50  | 54.00  |
| 35-12-8 <sup>22</sup> .....                                                                     | F 15.94                                             | 5.60  | 7.37  | 54.96  |
| Model Wheat Gray Shorts with Ground Wheat<br>Screenings, not Exceeding Mill-run or 8 %.....     | G 16.00                                             | 4.00  | 6.00  | 58.00  |
| 35-12-9 <sup>22</sup> .....                                                                     | F 18.13                                             | 6.13  | 5.69  | 55.03  |
| Model Wheat Mixed Feed with Ground Wheat<br>Screenings, not Exceeding Mill-run or 8 %.....      | G 15.50                                             | 3.50  | 8.50  | 54.00  |
| 35-12-10 <sup>22</sup> .....                                                                    | F 16.50                                             | 5.20  | 8.56  | 51.75  |
| Model Wheat Bran with Ground Wheat Screenings,<br>not Exceeding Mill-run or 8 %.....            | G 15.00                                             | 3.50  | 11.00 | 50.00  |
| 35-12-11 <sup>22</sup> .....                                                                    | F 15.94                                             | 4.84  | 9.47  | 51.75  |
| <b>Springfield Sales Co., Springfield, Mo.</b>                                                  |                                                     |       |       |        |
| Ozark Pride Egg Mash.....                                                                       | G 18.00                                             | 3.50  | 7.00  | 50.00  |
| 35-3-198 <sup>7</sup> .....                                                                     | F 17.82                                             | 4.08  | 6.97  | 50.44  |
| Ozark Pride Molasses Dairy Feed.....                                                            | G 16.00                                             | 4.00  | 14.00 | 47.50  |
| 35-3-199.....                                                                                   | F 16.69                                             | 4.19  | 11.75 | 46.86  |
| Yellow Screened and Polished Chops.....                                                         | G 9.00                                              | 3.50  | 3.00  | 65.00  |
| 35-3-200 <sup>7</sup> .....                                                                     | F 9.19                                              | 3.83  | 1.72  | 69.92  |
| Ozark Pride Chick All Mash.....                                                                 | G 16.00                                             | 5.00  | 6.00  | 54.00  |
| 35-3-201 <sup>7,13,31</sup> .....                                                               | F 17.44                                             | 5.33  | 6.42  | 48.54  |
| Cracker Jack Egg Mash.....                                                                      | G 17.00                                             | 3.50  | 8.50  | 50.00  |
| 35-3-202 <sup>7</sup> .....                                                                     | F 19.00                                             | 4.30  | 6.43  | 47.92  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| Ozark Pride Chick Starter.....                                                            | G 18.00                        | 4.00 | 5.00  | 50.00  |
| 35-3-203 <sup>7,9,13</sup> .....                                                          | F 17.63                        | 4.54 | 5.17  | 51.93  |
| Ozark Pride Mixed Feed.....                                                               | G 11.00                        | 3.00 | 14.00 | 50.00  |
| 35-3-204.....                                                                             | F 12.38                        | 3.11 | 13.46 | 51.78  |
| M. and T. Scratch Feed.....                                                               | G 10.00                        | 3.00 | 3.50  | 65.00  |
| 35-4-25 <sup>18</sup> .....                                                               | F 10.56                        | 3.39 | 1.97  | 70.69  |
| Ozark Pride Special Egg Mash.....                                                         | G 20.00                        | 4.50 | 6.50  | 50.00  |
| 35-11-207 <sup>13</sup> .....                                                             | F 21.63                        | 5.93 | 7.55  | 45.76  |
| Ozark Pride Mixed Feed.....                                                               | G 11.00                        | 3.00 | 14.00 | 50.00  |
| 35-11-208.....                                                                            | F 12.56                        | 3.67 | 17.33 | 51.37  |
| M & T Scratch Feed.....                                                                   | G 10.00                        | 3.00 | 3.50  | 65.00  |
| 35-11-209 <sup>18</sup> .....                                                             | F 11.50                        | 3.41 | 2.24  | 69.53  |
| Cracker Jack Egg Mash.....                                                                | G 17.00                        | 3.50 | 8.50  | 50.00  |
| 35-11-210 <sup>7</sup> .....                                                              | F 17.06                        | 4.87 | 6.61  | 54.03  |
| Ozark Pride Egg Mash.....                                                                 | G 18.00                        | 3.50 | 7.00  | 50.00  |
| 35-11-251 <sup>7</sup> .....                                                              | F 17.94                        | 5.86 | 7.42  | 51.84  |

**Sproul and Son, Paris, Mo.**

|                                                                 |         |      |      |       |
|-----------------------------------------------------------------|---------|------|------|-------|
| Missouri Formula Chick Starting Mash with Cod<br>Liver Oil..... | G 15.00 | 3.00 | 5.00 | 51.00 |
| 35-4-62.....                                                    | F 16.75 | 4.59 | 3.06 | 55.70 |
| Sproul's Pig and Hog Feed.....                                  | G 31.00 | 5.00 | 6.00 | 35.00 |
| 35-4-63 <sup>9</sup> .....                                      | F 32.06 | 6.82 | 4.61 | 35.65 |
| Missouri Formula Growing Mash.....                              | G 17.00 | 3.60 | 4.50 | 44.00 |
| 35-4-64.....                                                    | F 19.63 | 5.82 | 4.14 | 49.38 |
| Missouri Formula Laying Mash.....                               | G 22.00 | 4.00 | 6.00 | 46.00 |
| 35-4-65 <sup>8</sup> .....                                      | F 22.00 | 6.97 | 5.17 | 45.67 |
| Sproul's Pig and Hog Feed.....                                  | G 31.00 | 5.00 | 6.00 | 35.00 |
| 35-10-238 <sup>9</sup> .....                                    | F 31.25 | 6.68 | 4.86 | 37.87 |
| Missouri Formula Chick Starting Mash with Cod<br>Liver Oil..... | G 15.00 | 3.00 | 5.00 | 51.00 |
| 35-10-239 <sup>13,22</sup> .....                                | F 17.56 | 4.81 | 3.73 | 58.03 |
| Missouri Formula Growing Mash.....                              | G 17.00 | 3.60 | 4.50 | 44.00 |
| 35-10-240.....                                                  | F 18.00 | 4.89 | 4.43 | 53.44 |
| Missouri Formula Laying Mash.....                               | G 22.00 | 4.00 | 6.00 | 46.00 |
| 35-10-241 <sup>8</sup> .....                                    | F 22.75 | 5.61 | 4.63 | 48.36 |

**St. Louis Independent Packing Co., St. Louis, Mo.**

|                                             |         |       |      |      |
|---------------------------------------------|---------|-------|------|------|
| Independent Brand Meat and Bone Scraps..... | G 50.00 | 6.00  | 3.00 | 0.00 |
| 35-10-244.....                              | F 50.81 | 14.91 | 1.93 | 1.36 |
| Independent Brand Digester Tankage.....     | G 60.00 | 8.00  | 3.00 | 0.00 |
| 35-10-245.....                              | F 58.94 | 11.92 | 1.50 | 1.31 |

**Staley Milling Co., North Kansas City, Mo.**

|                                                                                    |         |      |       |       |
|------------------------------------------------------------------------------------|---------|------|-------|-------|
| Four Bells Quality Brand Feed.....                                                 | G 12.00 | 3.00 | 10.00 | 50.00 |
| 35-2-23 <sup>13</sup> .....                                                        | F 13.63 | 5.03 | 6.35  | 58.36 |
| Red "S" All-Mash with Dried Buttermilk and Cod<br>Liver Oil.....                   | G 16.00 | 4.00 | 6.50  | 50.00 |
| 35-4-112 <sup>4,5</sup> .....                                                      | F 17.88 | 7.27 | 5.77  | 50.55 |
| Red "S" Egg Producer.....                                                          | G 18.00 | 4.00 | 7.00  | 50.00 |
| 35-4-113.....                                                                      | F 20.50 | 7.04 | 6.69  | 45.00 |
| Red "S" Scratch Feed.....                                                          | G 10.00 | 3.00 | 5.00  | 65.00 |
| 35-4-114 <sup>11</sup> .....                                                       | F 11.81 | 3.77 | 2.18  | 67.28 |
| Four Bells Egg Producer.....                                                       | G 19.00 | 4.00 | 7.00  | 50.00 |
| 35-4-115.....                                                                      | F 21.00 | 6.61 | 4.79  | 46.60 |
| Four Bells Starter and Developer with Dried Butter-<br>milk and Cod Liver Oil..... | G 16.00 | 4.00 | 6.50  | 50.00 |
| 35-4-116 <sup>4,5</sup> .....                                                      | F 17.94 | 6.32 | 5.30  | 51.58 |
| Four Bells Quality Brand Feed.....                                                 | G 12.00 | 3.00 | 10.00 | 50.00 |
| 35-4-117 <sup>13</sup> .....                                                       | F 12.88 | 4.91 | 9.22  | 56.64 |
| Hy Power Brand Hominy Feed.....                                                    | G 10.00 | 7.00 | 7.00  | 60.00 |
| 35-4-118.....                                                                      | F 11.81 | 8.42 | 4.01  | 58.82 |
| Reserve Dairy Ration.....                                                          | G 16.00 | 3.50 | 15.00 | 45.00 |
| 35-4-119.....                                                                      | F 17.38 | 4.48 | 10.11 | 50.52 |
| Staley's Poultry Fattener.....                                                     | G 12.50 | 4.20 | 6.50  | 60.00 |
| 35-4-233.....                                                                      | F 16.31 | 6.29 | 7.02  | 55.64 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| Staley's Pig Meal with Dried Buttermilk.....                                              | G 16.00                        | 4.00 | 7.00  | 50.00  |
| 35-4-234.....                                                                             | F 19.13                        | 6.52 | 5.87  | 50.54  |
| Staley's Poultry Fattener Shipping Feed.....                                              | G 12.50                        | 4.00 | 6.50  | 60.00  |
| 35-4-235.....                                                                             | F 14.25                        | 4.70 | 3.92  | 61.16  |
| Wyandotte Scratch Feed.....                                                               | G 9.50                         | 2.50 | 5.00  | 65.00  |
| 35-4-236 <sup>4,5</sup> .....                                                             | F 11.88                        | 3.32 | 2.29  | 68.14  |
| Screened Cracked Corn.....                                                                | G 9.00                         | 3.00 | 3.00  | 65.00  |
| 35-4-237.....                                                                             | F 9.81                         | 4.36 | 2.03  | 67.76  |
| Four Bells Quality Brand Feed.....                                                        | G 12.00                        | 3.00 | 10.00 | 50.00  |
| 35-8-97 <sup>13</sup> .....                                                               | F 13.94                        | 4.66 | 8.58  | 57.26  |
| Four Bells Quality Brand Feed.....                                                        | G 12.00                        | 3.00 | 10.00 | 50.00  |
| 35-8-164 <sup>13</sup> .....                                                              | F 13.31                        | 4.66 | 6.77  | 59.00  |
| Record Egg Mash.....                                                                      | G 18.00                        | 4.00 | 7.00  | 50.00  |
| 35-11-81.....                                                                             | F 22.81                        | 4.01 | 5.41  | 50.85  |
| Four Bells Quality Brand Feed.....                                                        | G 12.00                        | 3.00 | 10.00 | 50.00  |
| 35-12-55 <sup>13</sup> .....                                                              | F 13.69                        | 3.48 | 9.00  | 58.05  |
| Red "S" Egg Producer.....                                                                 | G 18.00                        | 4.00 | 7.00  | 50.00  |
| 35-12-59 <sup>8</sup> .....                                                               | F 18.25                        | 4.77 | 8.94  | 50.49  |
| Record Egg Mash.....                                                                      | G 18.00                        | 4.00 | 7.00  | 50.00  |
| 35-12-67.....                                                                             | F 19.38                        | 6.30 | 8.47  | 48.86  |
| Four Bells Egg Producer.....                                                              | G 19.00                        | 4.00 | 7.00  | 50.00  |
| 35-12-68.....                                                                             | F 21.75                        | 6.54 | 7.56  | 46.06  |
| Reserve Dairy Ration.....                                                                 | G 16.00                        | 3.50 | 15.00 | 45.00  |
| 35-12-70.....                                                                             | F 18.13                        | 4.19 | 9.56  | 49.40  |

**F. M. Stamper Co., Moberly, Mo.**

|                                                 |         |      |      |       |
|-------------------------------------------------|---------|------|------|-------|
| Stamper Missouri Formula Egg Mash.....          | G 20.00 | 3.50 | 6.50 | 45.00 |
| 35-2-6.....                                     | F 22.25 | 6.53 | 5.17 | 45.64 |
| Stamper Quality Brand Dairy Feed.....           | G 16.00 | 3.50 | 7.50 | 50.00 |
| 35-2-7.....                                     | F 17.31 | 5.05 | 6.61 | 51.64 |
| Stamper Quality Brand Egg Mash.....             | G 20.00 | 3.50 | 6.50 | 45.00 |
| 35-2-8.....                                     | F 22.13 | 6.45 | 5.10 | 45.69 |
| Stamper Egg Ration.....                         | G 17.00 | 4.00 | 7.00 | 50.00 |
| 35-2-9.....                                     | F 19.06 | 5.94 | 6.49 | 48.68 |
| Stamper Quality Brand Egg Mash.....             | G 20.00 | 3.50 | 6.50 | 45.00 |
| 35-4-222.....                                   | F 21.13 | 6.22 | 4.65 | 46.31 |
| Stamper Egg Ration.....                         | G 17.00 | 4.00 | 7.00 | 50.00 |
| 35-5-102.....                                   | F 18.50 | 5.40 | 5.60 | 50.46 |
| Stamper Quality Brand Starting Feed.....        | G 15.00 | 3.50 | 5.00 | 52.00 |
| 35-8-119.....                                   | F 16.75 | 7.35 | 3.80 | 52.98 |
| Stamper Missouri Formula Egg Mash.....          | G 20.00 | 3.50 | 6.50 | 45.00 |
| 35-10-61.....                                   | F 22.31 | 5.77 | 4.62 | 46.64 |
| Stamper Quality Brand Starting Feed.....        | G 15.00 | 3.50 | 5.00 | 52.00 |
| 35-10-62.....                                   | F 16.31 | 4.98 | 3.81 | 55.39 |
| Stamper Quality Brand Growing Mash.....         | G 17.00 | 3.50 | 6.00 | 47.00 |
| 35-10-63.....                                   | F 19.00 | 5.15 | 4.26 | 49.12 |
| Stamper Quality Brand Turkey Starting Feed..... | G 16.00 | 3.50 | 5.00 | 50.00 |
| 35-10-187.....                                  | F 17.06 | 7.22 | 4.12 | 52.45 |
| Stamper Quality Brand Turkey Growing Mash.....  | G 19.00 | 3.50 | 7.00 | 45.00 |
| 35-10-188.....                                  | F 20.94 | 5.97 | 5.53 | 45.87 |
| Stamper Missouri Formula Egg Mash.....          | G 20.00 | 3.50 | 6.50 | 45.00 |
| 35-10-189.....                                  | F 21.06 | 5.60 | 4.42 | 46.78 |

**Standar Tilton Millg. Co., Alton, Ill.**

|                                                                                               |         |      |      |       |
|-----------------------------------------------------------------------------------------------|---------|------|------|-------|
| American Beauty Wheat Gray Shorts with Ground<br>Wheat Screenings not Exceeding Mill-run..... | G 16.00 | 4.00 | 6.00 | 40.00 |
| 35-5-205.....                                                                                 | F 18.13 | 4.43 | 6.23 | 55.99 |

**Standard Rice Co., Inc., Jonesboro, Ark.**

|                |         |       |       |       |
|----------------|---------|-------|-------|-------|
| Rice Bran..... | G 12.00 | 12.00 | 12.00 | 34.00 |
| 35-1-40.....   | F 12.13 | 17.23 | 12.38 | 36.47 |

| Manufacturer and Address                                                                    |   | Chemical Analyses |                |               |        |
|---------------------------------------------------------------------------------------------|---|-------------------|----------------|---------------|--------|
| Brand Name, Laboratory Number                                                               |   | %                 | Guaranteed (G) | and Found (F) |        |
| "Superior" Figures (see Key)                                                                |   | Protein           | Fat            | Fiber         | N.F.E. |
| <b>Stauffer-Cammack Grain Co., Baxter Springs, Kan.</b>                                     |   |                   |                |               |        |
| Bulk Molasses Feed.....                                                                     | G | 10.00             | 2.00           | 14.00         | 54.00  |
| 35-7-143 <sup>7</sup> .....                                                                 | F | 13.14             | 5.41           | 9.31          | 46.00  |
| Corn Feed Meal.....                                                                         | G | 10.00             | 4.00           | 5.00          | 64.00  |
| 35-7-144 <sup>7</sup> .....                                                                 | F | 10.31             | 5.69           | 1.84          | 67.88  |
| <b>Stella Roller Mills, Stella, Mo.</b>                                                     |   |                   |                |               |        |
| Soft Wheat White Shorts.....                                                                | G | 14.67             | 2.87           | 3.50          | 63.00  |
| 35-3-131 <sup>3,9</sup> .....                                                               | F | 14.25             | 3.42           | 2.36          | 66.34  |
| Wheat Mixed Feed with Ground Wheat Screenings not to Exceed 8 %.....                        | G | 15.25             | 4.20           | 6.90          | 59.00  |
| 35-3-132 <sup>5</sup> .....                                                                 | F | 16.75             | 4.71           | 7.43          | 54.86  |
| Soft Wheat Bran with Ground Wheat Screenings not Exceeding 8 %.....                         | G | 15.40             | 3.71           | 8.90          | 55.55  |
| 35-3-133 <sup>22</sup> .....                                                                | F | 18.00             | 3.96           | 8.07          | 53.01  |
| <b>Stemmons Produce Co., Jasper, Mo.</b>                                                    |   |                   |                |               |        |
| Stempro Chick Starter with Buttermilk.....                                                  | G | 17.00             | 4.50           | 6.00          | 55.00  |
| 35-8-4 <sup>18</sup> .....                                                                  | F | 18.19             | 5.19           | 4.82          | 46.39  |
| <b>Mrs. E. B. Stockton, Warrensburg, Mo.</b>                                                |   |                   |                |               |        |
| University Laying Mash.....                                                                 | G | 18.00             | 3.50           | 6.00          | 44.00  |
| 35-11-11 <sup>22</sup> .....                                                                | F | 16.56             | 4.54           | 4.95          | 57.41  |
| Blue Ribbon Dairy Feed.....                                                                 | G | 13.00             | 3.50           | 11.00         | 51.00  |
| 35-11-12 <sup>7,8</sup> .....                                                               | F | 14.63             | 4.50           | 7.89          | 57.38  |
| Screened Corn Chop.....                                                                     | G | 9.00              | 3.50           | 3.50          | 65.00  |
| 35-11-13.....                                                                               | F | 10.69             | 4.99           | 2.03          | 69.78  |
| <b>Stoddard Mill and Grain Co., Advance, Mo.</b>                                            |   |                   |                |               |        |
| Corn Feed Meal.....                                                                         | G | 8.50              | 4.10           | 3.00          | 70.05  |
| 35-1-92.....                                                                                | F | 7.92              | 3.32           | 1.23          | 72.24  |
| Screened Corn Chops.....                                                                    | G | 9.05              | 4.03           | 2.05          | 70.05  |
| 35-1-97.....                                                                                | F | 9.88              | 3.71           | 1.64          | 69.60  |
| Gray Wheat Shorts and (now) Ground Wheat Screenings not Exceeding Mill-run.....             | G | 15.00             | 3.00           | 6.00          | 55.00  |
| 35-1-103 <sup>22</sup> .....                                                                | F | 15.56             | 3.92           | 6.93          | 53.15  |
| Screened Corn Chops.....                                                                    | G | 9.05              | 4.03           | 2.05          | 70.05  |
| 35-6-53.....                                                                                | F | 10.06             | 4.50           | 2.01          | 70.55  |
| Wheat Mixed Feed with Ground Wheat Screenings from Winter Wheat, not exceeding Mill-run.... | G | 15.00             | 3.50           | 8.50          | 58.80  |
| 35-6-54 <sup>13</sup> .....                                                                 | F | 14.29             | 3.95           | 8.43          | 57.06  |
| Gray Wheat Shorts with Ground Wheat Screenings, not Exceeding 10 %.....                     | G | 15.00             | 3.00           | 6.00          | 55.00  |
| 35-6-55 <sup>22</sup> .....                                                                 | F | 15.00             | 4.33           | 6.58          | 56.94  |
| Wheat Mixed Feed with Ground Wheat Screenings from Winter Wheat, not Exceeding Mill-run.... | G | 15.00             | 3.50           | 8.50          | 58.80  |
| 35-6-82 <sup>13</sup> .....                                                                 | F | 14.72             | 3.51           | 6.66          | 58.63  |
| Gray Wheat Shorts with Ground Wheat Screenings, not Exceeding 10 %.....                     | G | 15.00             | 3.00           | 6.00          | 55.00  |
| 35-6-83 <sup>22</sup> .....                                                                 | F | 15.88             | 3.57           | 5.66          | 58.29  |
| Screened Corn Chops.....                                                                    | G | 9.05              | 4.03           | 2.05          | 70.05  |
| 35-6-88.....                                                                                | F | 9.63              | 4.18           | 1.94          | 70.78  |
| Wheat Mixed Feed with Ground Wheat Screenings from Winter Wheat, not Exceeding Mill-run.... | G | 15.00             | 3.50           | 8.50          | 58.80  |
| 35-6-160.....                                                                               | F | 15.13             | 3.85           | 8.50          | 56.24  |
| Wheat Bran.....                                                                             | G | 15.00             | 3.00           | 10.00         | 56.00  |
| 35-6-161.....                                                                               | F | 15.94             | 3.83           | 10.77         | 52.00  |
| Gray Wheat Shorts with Ground Wheat Screenings, not Exceeding 10 %.....                     | G | 15.00             | 3.00           | 6.00          | 55.00  |
| 35-6-162 <sup>22</sup> .....                                                                | F | 15.19             | 4.14           | 6.86          | 56.82  |
| Screened Corn Chops.....                                                                    | G | 9.05              | 4.03           | 2.05          | 70.05  |
| 35-6-210.....                                                                               | F | 11.13             | 4.69           | 2.30          | 67.44  |
| <b>Stover Milling Co., Stover, Mo.</b>                                                      |   |                   |                |               |        |
| Missouri Laying Mash.....                                                                   | G | 18.00             | 3.75           | 5.02          | 52.27  |
| 35-3-59 <sup>13</sup> .....                                                                 | F | 20.00             | 5.69           | 4.77          | 50.97  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |              |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |              |
|                                                                                           |                   | Protein        | Fat           | Fiber N.F.E. |
| <b>Strafford Farm Club, Strafford, Mo.</b>                                                |                   |                |               |              |
| Farmer's Friend Laying Mash.....                                                          | G                 | 20.00          | 5.70          | 8.04 46.10   |
| 35-1-196 <sup>4,5,13,18</sup> .....                                                       | F                 | 21.31          | 10.62         | 6.50 45.53   |
| Farmer's Friend Developing Mash.....                                                      | G                 | 17.00          | 4.80          | 5.00 52.00   |
| 35-11-52 <sup>4,5,13,18</sup> .....                                                       | F                 | 20.69          | 4.92          | 5.00 50.01   |
| Farmer's Friend Laying Mash.....                                                          | G                 | 20.00          | 5.70          | 8.04 46.10   |
| 35-11-53 <sup>4,5,13,18</sup> .....                                                       | F                 | 22.56          | 6.36          | 7.78 44.70   |
| <b>Strickler Feed Co., Cralg, Mo.</b>                                                     |                   |                |               |              |
| Strickler's Laying Mash.....                                                              | G                 | 20.00          | 3.50          | 7.50 44.00   |
| 35-10-27 <sup>7</sup> .....                                                               | F                 | 22.19          | 6.75          | 5.81 46.41   |
| The Missouri Formula All-Mash Chick Starter with<br>Meat Scraps and Cod Liver Oil.....    | G                 | 14.50          | 3.00          | 5.00 50.00   |
| 35-10-28 <sup>7</sup> .....                                                               | F                 | 16.63          | 6.19          | 3.71 57.41   |
| <b>Success Mills, Inc., Kansas City, Kan.</b>                                             |                   |                |               |              |
| Success Meat and Bone Scraps.....                                                         | G                 | 50.00          | 6.00          | 3.00 1.00    |
| 35-4-26 <sup>4</sup> .....                                                                | F                 | 46.76          | 8.22          | 0.76 1.88    |
| <b>Sumner Produce Co., Sumner, Mo.</b>                                                    |                   |                |               |              |
| Donovan's Best All-Mash Starter and Grower.....                                           | G                 | 16.00          | 4.50          | 6.00 50.00   |
| 35-10-171.....                                                                            | F                 | 18.63          | 7.16          | 4.44 52.72   |
| <b>Sunnyview Poultry Ranch, Lexington, Mo.</b>                                            |                   |                |               |              |
| Sunnyview's New Deal Laying Mash.....                                                     | G                 | 18.00          | 4.00          | 7.00 48.00   |
| 35-2-79.....                                                                              | F                 | 20.25          | 6.38          | 5.42 48.15   |
| <b>Surbaugh and Smith, Mountain View, Mo.</b>                                             |                   |                |               |              |
| O. K. Dairy Feed.....                                                                     | G                 | 17.00          | 4.00          | 9.00 48.00   |
| 35-2-148.....                                                                             | F                 | 23.56          | 6.74          | 8.75 43.00   |
| Ozark Laying Mash.....                                                                    | G                 | 21.00          | 4.50          | 6.50 51.00   |
| 35-2-149 <sup>9,13,30</sup> .....                                                         | F                 | 20.88          | 5.95          | 5.05 47.24   |
| O. K. Dairy Feed.....                                                                     | G                 | 17.00          | 4.00          | 9.00 48.00   |
| 35-12-28.....                                                                             | F                 | 18.31          | 5.39          | 8.35 51.22   |
| Ozark Laying Mash.....                                                                    | G                 | 21.00          | 4.50          | 5.50 51.00   |
| 35-12-29 <sup>7,13</sup> .....                                                            | F                 | 19.00          | 6.85          | 6.32 49.36   |
| <b>Sweet Springs Flour Mills, Sweet Springs, Mo.</b>                                      |                   |                |               |              |
| Big "S" Laying Mash.....                                                                  | G                 | 18.00          | 3.50          | 7.50 48.00   |
| 35-5-73 <sup>13,14,18</sup> .....                                                         | F                 | 19.38          | 4.71          | 6.10 57.57   |
| Big "S" Dairy Feed.....                                                                   | G                 | 14.50          | 4.00          | 12.00 47.00  |
| 35-5-74 <sup>8,18</sup> .....                                                             | F                 | 17.38          | 4.56          | 10.68 45.25  |
| Big "S" Vig-O-Ray Chick Mash.....                                                         | G                 | 17.00          | 3.00          | 7.00 50.00   |
| 35-5-75 <sup>6,8</sup> .....                                                              | F                 | 17.06          | 4.17          | 4.35 55.30   |
| <b>Swift and Co., Chicago, Ill.</b>                                                       |                   |                |               |              |
| Swift's Digester Tankage.....                                                             | G                 | 60.00          | 5.00          | 3.00 0.00    |
| 35-1-45 <sup>4</sup> .....                                                                | F                 | 62.88          | 8.45          | 1.67 2.77    |
| Swift's Meat and Bone Scraps.....                                                         | G                 | 50.00          | 6.00          | 3.00 0.00    |
| 35-1-47 <sup>4</sup> .....                                                                | F                 | 53.00          | 13.90         | 1.83 0.00    |
| Swift's Meat and Bone Scraps.....                                                         | G                 | 50.00          | 6.00          | 3.00 0.00    |
| 35-2-169 <sup>4</sup> .....                                                               | F                 | 50.44          | 13.31         | 1.52 0.00    |
| Swift's Digester Tankage.....                                                             | G                 | 60.00          | 5.00          | 3.00 0.00    |
| 35-2-170 <sup>4</sup> .....                                                               | F                 | 57.63          | 7.87          | 1.84 0.61    |
| Swift's Digester Tankage.....                                                             | G                 | 60.00          | 5.00          | 3.00 0.00    |
| 35-2-187 <sup>4</sup> .....                                                               | F                 | 60.75          | 9.31          | 1.30 2.65    |
| Swift's Special Bone Meal.....                                                            | G                 | 5.00           | 0.00          | 3.00 0.00    |
| 35-2-194 <sup>4</sup> .....                                                               | F                 | 9.31           | 4.72          | 1.13 53.44   |
| Swift's Meat and Bone Scraps.....                                                         | G                 | 50.00          | 6.00          | 3.00 0.00    |
| 35-2-221.....                                                                             | F                 | 56.88          | 16.06         | 2.14 0.00    |
| Swift's Digester Tankage.....                                                             | G                 | 60.00          | 5.00          | 3.00 0.00    |
| 35-4-147 <sup>4</sup> .....                                                               | F                 | 60.63          | 10.11         | 1.73 2.68    |
| Swift's Chick Mash.....                                                                   | G                 | 17.50          | 4.50          | 5.00 50.00   |
| 35-5-111.....                                                                             | F                 | 18.94          | 5.66          | 4.96 49.29   |
| Swift's Egg Mash.....                                                                     | G                 | 20.00          | 4.00          | 7.00 48.00   |
| 35-5-112.....                                                                             | F                 | 20.25          | 5.67          | 6.11 43.91   |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |       |        |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------|--------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |       |        |
|                                                                                           |                   | Protein        | Fat           | Fiber | N.F.E. |
| Swift's Digester Tankage.....                                                             | G                 | 60.00          | 5.00          | 3.00  | 0.00   |
| 35-6-80 <sup>4</sup> .....                                                                | F                 | 60.75          | 8.86          | 1.44  | 2.89   |
| Swift's Special Bone Meal.....                                                            | G                 | 5.00           | 0.00          | 3.00  | 0.00   |
| 35-9-127 <sup>4</sup> .....                                                               | F                 | 9.44           | 4.41          | 1.10  | 55.99  |
| Swift's Digester Tankage.....                                                             | G                 | 60.00          | 5.00          | 3.00  | 0.00   |
| 35-10-161 <sup>4</sup> .....                                                              | F                 | 63.00          | 7.59          | 1.26  | 2.15   |
| Swift's Meat and Bone Scraps.....                                                         | G                 | 50.00          | 6.00          | 3.00  | 0.00   |
| 35-10-162 <sup>4</sup> .....                                                              | F                 | 52.25          | 12.40         | 1.20  | 0.14   |
| Swift's Poultry Bone Meal.....                                                            | G                 | 25.00          | 2.00          | 3.00  | 0.00   |
| 35-10-249 <sup>4</sup> .....                                                              | F                 | 25.44          | 3.59          | 0.79  | 50.93  |
| <b>Swift and Co., Oil Mill, Little Rock, Ark.</b>                                         |                   |                |               |       |        |
| 41 % Protein Cottonseed Meal.....                                                         | G                 | 41.00          | 5.00          | 14.00 | 25.00  |
| 35-4-47 <sup>19</sup> .....                                                               | F                 | 40.03          | 6.98          | 6.76  | 32.16  |
| 41 % Protein Cottonseed Meal.....                                                         | G                 | 41.00          | 5.00          | 14.00 | 25.00  |
| 35-5-47 <sup>18,21</sup> .....                                                            | F                 | 41.88          | 6.26          | 11.74 | 26.40  |
| 43 % Protein Cottonseed Meal, Prime Quality.....                                          | G                 | 43.00          | 6.00          | 12.00 | 23.00  |
| 35-7-96 <sup>19</sup> .....                                                               | F                 | 44.19          | 5.96          | 9.69  | 25.83  |
| 41 % Protein Cottonseed Meal.....                                                         | G                 | 41.00          | 5.00          | 14.00 | 25.00  |
| 35-8-24 <sup>19</sup> .....                                                               | F                 | 41.60          | 6.00          | 12.60 | 19.03  |
| Cotton Bloom, 41.12 % Protein Cottonseed Meal....                                         | G                 | 41.12          | 6.00          | 10.00 | 25.00  |
| 35-9-208.....                                                                             | F                 | 40.22          | 5.82          | 12.08 | 28.44  |
| <b>Sycamore Mill, Sycamore, Mo.</b>                                                       |                   |                |               |       |        |
| Wheat Mixed Feed.....                                                                     | G                 | 16.00          | 3.50          | 8.50  | 52.00  |
| 35-1-200 <sup>2</sup> .....                                                               | F                 | 17.19          | 4.31          | 7.20  | 56.59  |
| Wheat Mixed Feed.....                                                                     | G                 | 16.00          | 3.50          | 8.50  | 52.00  |
| 35-11-177 <sup>2</sup> .....                                                              | F                 | 16.75          | 4.37          | 6.37  | 56.17  |
| <b>The Tanvilac Co., Des Moines, Ia.</b>                                                  |                   |                |               |       |        |
| Super Tanvilac for Livestock and Poultry.....                                             | G                 | 12.00          | 3.50          | 6.00  | 52.00  |
| 35-2-237.....                                                                             | F                 | 18.00          | 4.11          | 5.30  | 52.44  |
| <b>Tarkio Molasses Feed Co., Kansas City, Mo.</b>                                         |                   |                |               |       |        |
| Tarkio Molasses Feed.....                                                                 | G                 | 9.00           | 2.00          | 7.00  | 56.00  |
| 35-2-85.....                                                                              | F                 | 8.85           | 2.10          | 6.28  | 58.94  |
| Tarkio Sugar Cotto Feed and Tarkio Sugar Cotto<br>Cubes.....                              | G                 | 18.00          | 3.50          | 10.00 | 45.00  |
| 35-2-86.....                                                                              | F                 | 16.88          | 4.43          | 9.54  | 49.68  |
| Tarkio Winner Feed.....                                                                   | G                 | 11.00          | 3.00          | 8.50  | 56.00  |
| 35-2-87.....                                                                              | F                 | 16.50          | 3.18          | 7.81  | 53.51  |
| Tarkio Pig Meal with Minerals.....                                                        | G                 | 30.00          | 5.25          | 7.00  | 36.00  |
| 35-2-92.....                                                                              | F                 | 32.13          | 4.66          | 4.52  | 35.15  |
| Tarkio Molasses Feed.....                                                                 | G                 | 9.00           | 2.00          | 7.00  | 56.00  |
| 35-10-39 <sup>22</sup> .....                                                              | F                 | 9.13           | 2.02          | 8.16  | 67.21  |
| Tarkio Winner Feed.....                                                                   | G                 | 11.00          | 3.00          | 8.50  | 56.00  |
| 35-10-40.....                                                                             | F                 | 14.12          | 3.45          | 9.65  | 53.94  |
| <b>Temple Cotton Oil Co., Little Rock, Ark.</b>                                           |                   |                |               |       |        |
| Quapaw Brand Cottonseed Meal.....                                                         | G                 | 41.00          | 6.00          | 12.00 | 25.00  |
| 35-3-130 <sup>4</sup> .....                                                               | F                 | 43.44          | 5.75          | 10.89 | 27.05  |
| Quapaw Brand Cottonseed Cake.....                                                         | G                 | 41.00          | 6.00          | 12.00 | 25.00  |
| 35-12-123 <sup>4,5,19</sup> .....                                                         | F                 | 41.07          | 6.77          | 11.42 | 18.40  |
| <b>Temple Stephens Co., Moberly, Mo.</b>                                                  |                   |                |               |       |        |
| Temple Stephens Chick Ration.....                                                         | G                 | 15.00          | 4.00          | 7.00  | 55.00  |
| 35-8-108.....                                                                             | F                 | 15.44          | 5.12          | 7.28  | 53.23  |
| <b>C. J. Terrell, Jacksonville, Mo.</b>                                                   |                   |                |               |       |        |
| C. J. Growing and Laying Mash.....                                                        | G                 | 18.00          | 4.50          | 6.50  | 52.50  |
| 35-10-175 <sup>13</sup> .....                                                             | F                 | 19.25          | 5.93          | 5.97  | 49.26  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |         |                  |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|---------|------------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) | Protein | Fat Fiber N.F.E. |
| <b>Hubert Teter, Excello, Mo.</b>                                                         |                   |                |               |         |                  |
| Golden Glow All-Mash Chick Starter.....                                                   | G                 | 15.00          | 3.50          | 5.00    | 55.00            |
| 35-8-82.....                                                                              | F                 | 15.50          | 4.86          | 3.82    | 58.39            |
| Golden Glow Laying Mash.....                                                              | G                 | 20.00          | 4.00          | 6.00    | 45.00            |
| 35-8-83.....                                                                              | F                 | 20.81          | 6.31          | 4.87    | 46.36            |
| <b>Thayer Milling Co., Thayer, Mo.</b>                                                    |                   |                |               |         |                  |
| Laying Mash.....                                                                          | G                 | 17.50          | 4.50          | 5.50    | 50.00            |
| 35-1-41 <sup>7,13</sup> .....                                                             | F                 | 18.38          | 6.30          | 5.72    | 50.81            |
| <b>O. L. Thomas, Fair Play, Mo.</b>                                                       |                   |                |               |         |                  |
| Thomas Egg Mash.....                                                                      | G                 | 18.00          | 3.00          | 7.00    | 47.00            |
| 35-9-209.....                                                                             | F                 | 20.50          | 5.47          | 5.12    | 49.60            |
| First Call Egg Mash.....                                                                  | G                 | 16.00          | 3.50          | 9.00    | 47.00            |
| 35-9-210.....                                                                             | F                 | 17.94          | 4.48          | 6.25    | 51.93            |
| First Call Growing Mash.....                                                              | G                 | 14.50          | 3.50          | 6.00    | 50.00            |
| 35-9-211 <sup>2</sup> .....                                                               | F                 | 16.00          | 4.88          | 5.18    | 55.93            |
| Extra Dozen Egg Mash.....                                                                 | G                 | 20.00          | 4.00          | 7.00    | 48.00            |
| 35-11-39 <sup>11</sup> .....                                                              | F                 | 21.25          | 5.34          | 6.96    | 46.29            |
| <b>Three-Minute Cereal Co., East St. Louis, Ill.</b>                                      |                   |                |               |         |                  |
| Red 3-Feeding Oat Meal.....                                                               | G                 | 14.50          | 5.00          | 3.70    | 60.00            |
| 35-1-115 <sup>18</sup> .....                                                              | F                 | 17.75          | 5.14          | 3.62    | 59.01            |
| Red 3 Hygrade Oat Feed.....                                                               | G                 | 11.00          | 3.50          | 19.00   | 50.00            |
| 35-2-243 <sup>4,5,18</sup> .....                                                          | F                 | 12.69          | 4.10          | 15.61   | 53.00            |
| Red 3 Feeding Oat Meal.....                                                               | G                 | 14.50          | 5.00          | 3.70    | 60.00            |
| 35-3-86 <sup>3,4,5,18</sup> .....                                                         | F                 | 17.06          | 6.01          | 3.49    | 58.72            |
| Red 3 Hygrade Oat Feed.....                                                               | G                 | 11.00          | 3.50          | 19.00   | 50.00            |
| 35-4-214 <sup>4,5,18</sup> .....                                                          | F                 | 12.56          | 3.54          | 18.64   | 50.74            |
| <b>Tilley Milling Co., Plato, Mo.</b>                                                     |                   |                |               |         |                  |
| Pure Soft Wheat Mixed Feed.....                                                           | G                 | 16.00          | 3.50          | 8.50    | 52.00            |
| 35-2-150 <sup>2</sup> .....                                                               | F                 | 16.94          | 3.85          | 7.91    | 55.70            |
| <b>Tindle Milling Co., Springfield, Mo.</b>                                               |                   |                |               |         |                  |
| Tindle's Special Scratch Feed.....                                                        | G                 | 10.00          | 3.00          | 5.00    | 44.00            |
| 35-2-107.....                                                                             | F                 | 11.56          | 2.90          | 2.00    | 70.87            |
| Tymo Fattening Mash.....                                                                  | G                 | 14.00          | 4.50          | 4.00    | 67.00            |
| 35-2-108 <sup>9,13</sup> .....                                                            | F                 | 16.69          | 4.76          | 2.98    | 62.45            |
| Tymo Chick to Hen Starting and Growing Mash....                                           | G                 | 18.00          | 4.50          | 6.50    | 48.00            |
| 35-2-109.....                                                                             | F                 | 22.06          | 5.06          | 5.16    | 51.10            |
| Tymo Egg Mash.....                                                                        | G                 | 20.00          | 7.00          | 9.00    | 45.00            |
| 35-2-110 <sup>6,8,9</sup> .....                                                           | F                 | 21.50          | 5.53          | 6.26    | 48.82            |
| Tindle's Special Egg Mash.....                                                            | G                 | 18.00          | 4.00          | 8.00    | 50.50            |
| 35-2-111.....                                                                             | F                 | 18.25          | 4.97          | 6.75    | 51.01            |
| Tindle Special Mixed Feed.....                                                            | G                 | 12.00          | 4.00          | 12.00   | 56.00            |
| 35-2-112.....                                                                             | F                 | 14.00          | 4.37          | 11.98   | 50.31            |
| Golden Rod Mixed Feed.....                                                                | G                 | 14.00          | 4.00          | 9.50    | 58.00            |
| 35-2-113 <sup>4,5,8,9,13,18</sup> .....                                                   | F                 | 14.44          | 4.34          | 8.10    | 52.80            |
| Hominy Feed.....                                                                          | G                 | 11.00          | 7.50          | 5.50    | 63.00            |
| 35-2-114.....                                                                             | F                 | 10.25          | 7.33          | 5.59    | 62.96            |
| Tymo Alfalfa Molasses.....                                                                | G                 | 10.00          | 1.00          | 20.00   | 30.00            |
| 35-2-115 <sup>4,5</sup> .....                                                             | F                 | 8.94           | 1.46          | 18.80   | 50.76            |
| Tindle Special Mixed Feed with Molasses.....                                              | G                 | 12.00          | 4.00          | 12.00   | 56.00            |
| 35-2-116.....                                                                             | F                 | 12.16          | 4.30          | 9.25    | 52.98            |
| Tindles Special 16 % Dairy Feed.....                                                      | G                 | 16.00          | 7.00          | 11.50   | 45.00            |
| 35-2-249.....                                                                             | F                 | 14.25          | 3.77          | 10.04   | 53.33            |
| Tymo, 24 % Dairy Feed.....                                                                | G                 | 24.00          | 5.00          | 10.00   | 42.00            |
| 35-2-250.....                                                                             | F                 | 20.88          | 4.66          | 8.31    | 47.82            |
| Steel Cut Yellow Baby Chick Chops.....                                                    | G                 | 9.50           | 3.50          | 2.00    | 72.00            |
| 35-2-251.....                                                                             | F                 | 9.60           | 5.30          | 1.46    | 72.29            |
| Tymo Horse and Mule Feed.....                                                             | G                 | 11.00          | 2.00          | 14.00   | 57.00            |
| 35-3-1.....                                                                               | F                 | 9.61           | 4.10          | 11.04   | 68.38            |
| Tindle Special Egg Mash.....                                                              | G                 | 18.00          | 4.00          | 8.00    | 50.50            |
| 35-9-187.....                                                                             | F                 | 18.56          | 5.73          | 8.58    | 48.35            |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |             |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E.      |
| Tymo Chick to Hen Starting and Growing Mash. . . . .                                      | G                 | 18.00          | 4.50          | 6.50 48.00  |
| 35-9-188. . . . .                                                                         | F                 | 19.81          | 5.19          | 5.68 52.14  |
| Tymo, 24 % Dairy Feed. . . . .                                                            | G                 | 24.00          | 5.00          | 10.00 42.00 |
| 35-9-189. . . . .                                                                         | F                 | 19.25          | 4.02          | 9.44 48.16  |
| Tymo Fattening Mash. . . . .                                                              | G                 | 14.00          | 4.50          | 4.00 67.00  |
| 35-9-190. . . . .                                                                         | F                 | 17.88          | 5.78          | 1.85 60.74  |
| Tymo Calf Meal. . . . .                                                                   | G                 | 23.00          | 3.00          | 6.00 48.00  |
| 35-9-191 <sup>9,14</sup> . . . . .                                                        | F                 | 18.72          | 4.31          | 8.31 50.68  |
| Tindle Special Scratch Feed. . . . .                                                      | G                 | 10.00          | 3.00          | 5.00 44.00  |
| 35-9-192. . . . .                                                                         | F                 | 14.31          | 2.92          | 2.14 67.91  |
| Tindle Special Mixed Feed with Molasses. . . . .                                          | G                 | 12.00          | 4.00          | 12.00 56.00 |
| 35-9-193. . . . .                                                                         | F                 | 12.63          | 3.21          | 9.44 56.10  |
| Tindle Special Mixed Feed. . . . .                                                        | G                 | 12.00          | 4.00          | 12.00 56.00 |
| 35-9-194. . . . .                                                                         | F                 | 14.38          | 4.08          | 12.04 53.31 |
| Hominy Feed. . . . .                                                                      | G                 | 11.00          | 7.50          | 5.50 63.00  |
| 35-9-196. . . . .                                                                         | F                 | 11.81          | 7.26          | 4.99 62.65  |
| Steel Cut Yellow Baby Chick Chops. . . . .                                                | G                 | 9.50           | 3.50          | 2.00 72.00  |
| 35-9-197. . . . .                                                                         | F                 | 9.38           | 2.75          | 1.18 74.01  |
| Tymo Baby Chick Scratch. . . . .                                                          | G                 | 10.00          | 3.00          | 4.00 73.50  |
| 35-9-198. . . . .                                                                         | F                 | 10.88          | 2.60          | 1.88 70.88  |
| Tindle Special Developing Grain. . . . .                                                  | G                 | 10.00          | 3.00          | 5.00 57.00  |
| 35-9-199. . . . .                                                                         | F                 | 14.44          | 2.96          | 2.22 67.97  |
| Cow Candy. . . . .                                                                        | G                 | 4.50           | 1.50          | 27.50 49.50 |
| 35-9-200. . . . .                                                                         | F                 | 5.81           | 0.91          | 22.60 54.41 |
| Tymo Alfalfa Molasses. . . . .                                                            | G                 | 10.00          | 1.00          | 20.00 30.00 |
| 35-10-73 <sup>4,5</sup> . . . . .                                                         | F                 | 7.72           | 1.13          | 18.51 51.76 |
| Golden Rod Mixed Feed. . . . .                                                            | G                 | 14.00          | 4.00          | 9.50 58.00  |
| 35-12-1 <sup>4,5,13</sup> . . . . .                                                       | F                 | 15.94          | 6.51          | 5.10 57.53  |
| Tindle's Special Egg Mash. . . . .                                                        | G                 | 18.00          | 4.00          | 8.00 50.50  |
| 35-12-135. . . . .                                                                        | F                 | 17.60          | 5.56          | 8.67 50.34  |
| Tymo Fattening Mash. . . . .                                                              | G                 | 14.00          | 4.50          | 4.00 67.00  |
| 35-12-136 <sup>4,5,13,14</sup> . . . . .                                                  | F                 | 14.94          | 4.81          | 4.25 62.48  |
| Tindle Special Mixed Feed. . . . .                                                        | G                 | 12.00          | 4.00          | 12.00 56.00 |
| 35-12-137. . . . .                                                                        | F                 | 13.19          | 4.74          | 13.45 53.30 |
| Golden Rod, 16 % Dairy Feed. . . . .                                                      | G                 | 16.00          | 7.00          | 11.50 45.00 |
| 35-12-138. . . . .                                                                        | F                 | 14.19          | 2.43          | 10.92 52.01 |
| Tymo Egg Mash. . . . .                                                                    | G                 | 20.00          | 4.00          | 9.00 45.00  |
| 35-12-139 <sup>4,5,8,13,14</sup> . . . . .                                                | F                 | 21.25          | 6.03          | 6.26 48.60  |
| Steel Cut Yellow Poultry Chops. . . . .                                                   | G                 | 9.50           | 4.00          | 2.50 71.00  |
| 35-12-140. . . . .                                                                        | F                 | 10.31          | 4.38          | 1.75 70.21  |
| Tymo Scratch Feed. . . . .                                                                | G                 | 10.00          | 3.00          | 5.00 57.00  |
| 35-12-141. . . . .                                                                        | F                 | 11.00          | 3.80          | 2.26 70.12  |
| Tymo, 24 % Dairy Feed. . . . .                                                            | G                 | 24.00          | 5.00          | 10.00 42.00 |
| 35-12-142. . . . .                                                                        | F                 | 22.44          | 4.65          | 3.73 50.75  |
| Tindle Special Mixed Feed with Molasses. . . . .                                          | G                 | 12.00          | 4.00          | 12.00 56.00 |
| 35-12-143. . . . .                                                                        | F                 | 10.81          | 2.93          | 9.44 59.40  |
| Yellow Corn Feed Meal. . . . .                                                            | G                 | 9.50           | 4.00          | 2.50 71.00  |
| 35-12-144 <sup>9</sup> . . . . .                                                          | F                 | 11.50          | 7.29          | 2.50 63.76  |
| <b>Topeka Flour Mills Corp., Topeka, Kan.</b>                                             |                   |                |               |             |
| K-Y Wheat Bran with Ground Wheat Screenings, not<br>Exceeding 8 %. . . . .                | G                 | 14.50          | 3.50          | 11.00 47.00 |
| 35-2-20 <sup>22</sup> . . . . .                                                           | F                 | 17.06          | 4.01          | 10.05 49.69 |
| K-Y Gray Wheat Shorts with Ground Wheat Screen-<br>ings, not Exceeding 8 %. . . . .       | G                 | 16.00          | 3.50          | 6.00 55.00  |
| 35-12-246. . . . .                                                                        | F                 | 17.81          | 4.06          | 5.78 57.25  |
| <b>Townsend Wholesale Grocery Co., Maryville, Mo.</b>                                     |                   |                |               |             |
| High Chief Hen Scratch. . . . .                                                           | G                 | 10.00          | 2.50          | 4.00 56.00  |
| 35-11-131. . . . .                                                                        | F                 | 10.63          | 3.18          | 3.11 70.73  |
| High Chief Laying Mash. . . . .                                                           | G                 | 16.00          | 3.50          | 7.50 46.50  |
| 35-11-132. . . . .                                                                        | F                 | 19.25          | 4.64          | 5.43 53.21  |
| <b>Translt Milling Co., Sherman, Texas.</b>                                               |                   |                |               |             |
| Tranco Brand, 43 % Protein Cottonseed Meal. . . . .                                       | G                 | 43.00          | 6.00          | 12.00 23.00 |
| 35-2-83. . . . .                                                                          | F                 | 44.19          | 7.73          | 8.49 25.13  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)   | Chemical Analyses |                |               |        |       |
|---------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------|-------|
|                                                                                             | %                 | Guaranteed (G) | and Found (F) |        |       |
|                                                                                             | Protein           | Fat            | Fiber         | N.F.E. |       |
| <b>Trenton Mills, Trenton, Mo.</b>                                                          |                   |                |               |        |       |
| Biddy Laying Mash.....                                                                      | G                 | 18.00          | 4.50          | 8.00   | 50.00 |
| 35-7-78 <sup>18</sup> .....                                                                 | F                 | 16.72          | 4.81          | 8.18   | 52.72 |
| Bossy Dairy Feed.....                                                                       | G                 | 16.00          | 4.00          | 12.00  | 50.00 |
| 35-7-79 <sup>18</sup> .....                                                                 | F                 | 17.44          | 3.73          | 10.99  | 50.27 |
| Missouri Formula Laying Mash.....                                                           | G                 | 20.00          | 4.50          | 8.00   | 52.00 |
| 35-7-80 <sup>18</sup> .....                                                                 | F                 | 22.75          | 6.37          | 5.55   | 44.91 |
| Missouri Formula Laying Mash.....                                                           | G                 | 20.00          | 4.50          | 8.00   | 52.00 |
| 35-12-238.....                                                                              | F                 | 20.00          | 6.98          | 5.51   | 49.73 |
| Biddy Laying Mash.....                                                                      | G                 | 18.00          | 4.50          | 8.00   | 50.00 |
| 35-12-239.....                                                                              | F                 | 19.25          | 5.55          | 8.00   | 50.46 |
| Bossy Dairy Feed.....                                                                       | G                 | 16.00          | 4.00          | 12.00  | 50.00 |
| 35-12-240.....                                                                              | F                 | 15.38          | 4.62          | 11.64  | 51.09 |
| <b>Ultra-Life Laboratories, East St. Louis, Ill.</b>                                        |                   |                |               |        |       |
| Ultra-Life.....                                                                             | G                 | 19.50          | 4.50          | 4.50   | 35.00 |
| 35-2-177.....                                                                               | F                 | 26.50          | 6.68          | 3.55   | 43.36 |
| Ultra-Life.....                                                                             | G                 | 19.50          | 4.50          | 4.50   | 35.00 |
| 35-7-238.....                                                                               | F                 | 26.81          | 7.56          | 3.20   | 47.88 |
| <b>Union Flour Mills, Union, Mo.</b>                                                        |                   |                |               |        |       |
| Wheat Gray Shorts with Ground Wheat Screenings,<br>not Exceeding Mill-run.....              | G                 | 15.00          | 3.50          | 5.50   | 51.50 |
| 35-8-197 <sup>9</sup> .....                                                                 | F                 | 16.94          | 3.82          | 6.64   | 56.20 |
| Wheat Bran with Ground Wheat Screenings, not Ex-<br>ceeding Mill-run.....                   | G                 | 14.50          | 3.50          | 10.00  | 40.00 |
| 35-8-198.....                                                                               | F                 | 15.00          | 3.83          | 10.11  | 53.95 |
| Vitafull, 20 % Laying Mash.....                                                             | G                 | 20.00          | 4.00          | 6.00   | 45.00 |
| 35-8-199.....                                                                               | F                 | 19.81          | 4.60          | 4.25   | 50.41 |
| Vitafull Chick Starter.....                                                                 | G                 | 17.00          | 4.50          | 5.50   | 45.00 |
| 35-8-200.....                                                                               | F                 | 18.44          | 4.71          | 4.13   | 53.55 |
| <b>United Mills Co., Inc., Kansas City, Kan.</b>                                            |                   |                |               |        |       |
| U. M. C. Wheat Bran.....                                                                    | G                 | 14.50          | 3.75          | 10.00  | 40.00 |
| 35-1-250.....                                                                               | F                 | 16.88          | 4.07          | 9.97   | 51.12 |
| U. M. C. Wheat Mixed Feed and Ground Wheat<br>Screenings, not Exceeding Mill-run.....       | G                 | 14.50          | 4.00          | 8.50   | 40.50 |
| 35-3-122 <sup>6</sup> .....                                                                 | F                 | 17.38          | 4.97          | 7.70   | 54.44 |
| U. M. C. Wheat Brown Middlings with Ground Wheat<br>Screenings, not Exceeding Mill-run..... | G                 | 15.50          | 4.00          | 7.50   | 41.50 |
| 35-4-27 <sup>9,13</sup> .....                                                               | F                 | 17.50          | 4.71          | 6.88   | 56.00 |
| U. M. C. Wheat Gray Shorts with Ground Wheat<br>Screenings, not Exceeding Mill-run.....     | G                 | 16.00          | 3.50          | 6.00   | 55.00 |
| 35-12-146 <sup>7,13</sup> .....                                                             | F                 | 17.81          | 5.18          | 7.32   | 55.69 |
| <b>University Mills Co., East St. Louis, Ill.</b>                                           |                   |                |               |        |       |
| Prep, 16 % Dairy Feed.....                                                                  | G                 | 16.00          | 3.50          | 14.00  | 46.00 |
| 35-6-186 <sup>8</sup> .....                                                                 | F                 | 13.75          | 3.07          | 13.80  | 52.06 |
| <b>Utterback Flour and Feed Co., Monroe City, Mo.</b>                                       |                   |                |               |        |       |
| Dairy Feed.....                                                                             | G                 | 15.00          | 4.00          | 12.00  | 51.00 |
| 35-7-7 <sup>7,13</sup> .....                                                                | F                 | 17.19          | 4.24          | 6.97   | 55.09 |
| <b>Valier and Spies Milling Co., St. Louis, Mo.</b>                                         |                   |                |               |        |       |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding Mill-run or 8 %.....        | G                 | 16.00          | 4.00          | 6.00   | 50.00 |
| 35-6-177 <sup>18</sup> .....                                                                | F                 | 20.56          | 5.59          | 5.97   | 51.90 |
| Gray Wheat Shorts and Ground Wheat Screenings,<br>not Exceeding Mill-run or 8 %.....        | G                 | 16.00          | 4.00          | 6.00   | 50.00 |
| 35-11-187 <sup>18</sup> .....                                                               | F                 | 18.63          | 5.68          | 6.93   | 53.24 |
| <b>Vance Bros. Coal and Feed Co., Kansas City, Mo.</b>                                      |                   |                |               |        |       |
| Vanbro Laying Mash.....                                                                     | G                 | 20.00          | 4.00          | 7.00   | 40.00 |
| 35-3-138.....                                                                               | F                 | 21.94          | 5.97          | 5.26   | 45.12 |
| Vanbro Dairy Ration.....                                                                    | G                 | 21.00          | 3.25          | 10.00  | 44.00 |
| 35-3-139 <sup>7</sup> .....                                                                 | F                 | 22.75          | 4.29          | 8.04   | 48.40 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |              |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |              |
|                                                                                           |                   | Protein        | Fat           | Fiber N.F.E. |
| Vanbro Scratch Grains.....                                                                | G                 | 10.00          | 2.00          | 5.00 60.00   |
| 35-3-140.....                                                                             | F                 | 11.75          | 3.28          | 2.06 69.47   |
| Vanbro Dairy Feed.....                                                                    | G                 | 16.00          | 3.50          | 12.00 45.00  |
| 35-3-141.....                                                                             | F                 | 20.25          | 5.19          | 8.13 51.95   |
| <b>Jos. N. Vance Milling Co., Wellington, Mo.</b>                                         |                   |                |               |              |
| Uno No. 2 Egg Mash.....                                                                   | G                 | 16.00          | 3.40          | 8.00 51.00   |
| 35-11-234.....                                                                            | F                 | 17.63          | 5.47          | 5.67 53.33   |
| <b>Vandalia Roller Mill and Elevator Co., Vandalia, Mo.</b>                               |                   |                |               |              |
| Mountain Grove Egg Mash.....                                                              | G                 | 20.00          | 4.00          | 12.00 47.00  |
| 35-10-91 <sup>13</sup> .....                                                              | F                 | 20.06          | 3.78          | 8.16 49.66   |
| Missouri Formula Growing Mash.....                                                        | G                 | 17.00          | 3.25          | 6.00 46.00   |
| 35-10-92 <sup>18</sup> .....                                                              | F                 | 20.00          | 4.37          | 4.62 50.04   |
| Soft Red Winter Wheat Grey Shorts.....                                                    | G                 | 14.00          | 3.50          | 6.00 55.00   |
| 35-10-93 <sup>18</sup> .....                                                              | F                 | 14.00          | 2.39          | 1.97 68.28   |
| Soft Red Winter Wheat Bran with Ground Wheat<br>Screenings, not Exceeding Mill-run.....   | G                 | 14.00          | 3.00          | 10.00 47.00  |
| 35-10-94 <sup>18,22</sup> .....                                                           | F                 | 15.13          | 3.29          | 10.39 53.60  |
| Vandalia Special Mixed Cow Feed.....                                                      | G                 | 17.80          | 5.10          | 7.60 52.30   |
| 35-10-95 <sup>14,18</sup> .....                                                           | F                 | 16.00          | 4.28          | 7.03 56.73   |
| <b>Versailles Flour and Feed Co., Versailles, Mo.</b>                                     |                   |                |               |              |
| Vermilco Dairy Feed.....                                                                  | G                 | 16.00          | 2.50          | 15.00 50.00  |
| 35-3-63 <sup>8,29</sup> .....                                                             | F                 | 12.27          | 2.66          | 8.34 56.29   |
| Vermilco Laying Mash.....                                                                 | G                 | 16.50          | 3.75          | 7.20 52.00   |
| 35-3-64 <sup>8,29</sup> .....                                                             | F                 | 18.81          | 5.27          | 6.77 48.07   |
| <b>Wm. Veulman and Son, Syracuse, Mo.</b>                                                 |                   |                |               |              |
| Veuleman's Laying Mash.....                                                               | G                 | 18.00          | 3.50          | 7.50 46.00   |
| 35-4-128 <sup>11,20</sup> .....                                                           | F                 | 21.81          | 6.82          | 5.90 43.97   |
| Veuleman's Dairy Feed.....                                                                | G                 | 17.50          | 4.00          | 11.00 41.00  |
| 35-4-129 <sup>11,20</sup> .....                                                           | F                 | 20.06          | 6.69          | 7.69 48.84   |
| Veuleman's Chick Starter.....                                                             | G                 | 13.50          | 4.25          | 4.50 59.74   |
| 35-11-241 <sup>11</sup> .....                                                             | F                 | 13.81          | 4.59          | 5.05 57.35   |
| <b>Vitamax Mills, Inc., St. Louis, Mo.</b>                                                |                   |                |               |              |
| Vitamax Chick Starter Base with Minerals.....                                             | G                 | 36.00          | 4.00          | 5.00 15.00   |
| 35-5-207.....                                                                             | F                 | 36.44          | 5.68          | 4.76 21.53   |
| Vitamax Egg Mash Base with Minerals.....                                                  | G                 | 36.00          | 4.00          | 5.00 12.00   |
| 35-5-208.....                                                                             | F                 | 38.94          | 7.02          | 4.77 11.41   |
| Vitamax Growing Mash Base with Minerals.....                                              | G                 | 36.00          | 4.00          | 5.00 20.00   |
| 35-5-209.....                                                                             | F                 | 35.88          | 5.60          | 4.81 25.31   |
| Vitamax All-Mash Growing Ration.....                                                      | G                 | 16.00          | 4.00          | 8.00 50.00   |
| 35-5-210 <sup>9</sup> .....                                                               | F                 | 17.56          | 4.15          | 5.31 53.55   |
| Max-Life All-Mash Starter and Grower.....                                                 | G                 | 16.00          | 3.00          | 8.00 50.00   |
| 35-5-211.....                                                                             | F                 | 16.94          | 3.22          | 5.31 54.54   |
| Vitamax All-Mash Chick Starter.....                                                       | G                 | 18.00          | 3.00          | 6.00 46.00   |
| 35-5-212 <sup>9</sup> .....                                                               | F                 | 21.94          | 3.46          | 6.28 43.80   |
| Vitamax Egg Mash.....                                                                     | G                 | 18.00          | 4.00          | 7.00 50.00   |
| 35-5-213.....                                                                             | F                 | 19.25          | 4.89          | 5.52 48.97   |
| Max-Fat Hog Feed Supplement.....                                                          | G                 | 35.00          | 4.00          | 10.00 30.00  |
| 35-5-214.....                                                                             | F                 | 34.25          | 4.03          | 4.33 33.08   |
| Sugared Vitamalt Feed.....                                                                | G                 | 12.50          | 2.50          | 20.00 42.00  |
| 35-5-215.....                                                                             | F                 | 11.66          | 2.52          | 14.34 50.28  |
| Sugared Vitamalt Feed.....                                                                | G                 | 12.50          | 2.50          | 20.00 42.00  |
| 35-8-247.....                                                                             | F                 | 14.13          | 1.95          | 14.50 51.72  |
| Max-Milk Dairy Feed.....                                                                  | G                 | 16.00          | 2.00          | 12.00 45.00  |
| 35-12-84.....                                                                             | F                 | 15.10          | 2.61          | 12.51 59.63  |
| <b>Vita-Rich, Inc., Kansas City, Kan.</b>                                                 |                   |                |               |              |
| Fairfax Alfalfa Meal No. 2.....                                                           | G                 | 14.00          | 2.00          | 33.00 32.00  |
| 35-11-217 <sup>18</sup> .....                                                             | F                 | 14.19          | 2.63          | 26.16 36.31  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses                         |       |       |        |
|-------------------------------------------------------------------------------------------|-------------------------------------------|-------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F)<br>Protein | Fat   | Fiber | N.F.E. |
| <b>Waggoner-Gates Milling Co., Independence, Mo.</b>                                      |                                           |       |       |        |
| Wheat Mixed Feed.....                                                                     | G 14.00                                   | 3.00  | 8.50  | 50.00  |
| 35-7-157 <sup>13</sup> .....                                                              | F 16.75                                   | 4.28  | 7.95  | 52.74  |
| Wheat Mixed Feed.....                                                                     | G 14.00                                   | 3.00  | 8.50  | 50.00  |
| 35-9-53 <sup>13,18</sup> .....                                                            | F 16.50                                   | 4.36  | 8.33  | 53.08  |
| <b>Waldo Grain Co., Kansas City, Mo.</b>                                                  |                                           |       |       |        |
| Waldo's Pure Hen Scratch.....                                                             | G 10.00                                   | 2.50  | 3.00  | 69.50  |
| 35-4-238.....                                                                             | F 11.13                                   | 3.57  | 2.17  | 71.49  |
| Waldo's Pure Laying Mash.....                                                             | G 19.00                                   | 5.00  | 6.00  | 46.00  |
| 35-4-239.....                                                                             | F 19.81                                   | 5.91  | 5.48  | 48.70  |
| Waldo's Pure Cow Feed.....                                                                | G 16.50                                   | 3.00  | 7.50  | 54.00  |
| 35-4-240.....                                                                             | F 16.63                                   | 4.18  | 7.50  | 54.80  |
| Waldo's Lucky Day Laying Mash.....                                                        | G 18.00                                   | 5.00  | 6.50  | 45.00  |
| 35-4-241.....                                                                             | F 18.94                                   | 5.64  | 6.31  | 48.49  |
| Waldo's Pure Chick Starter.....                                                           | G 15.00                                   | 4.00  | 5.50  | 53.00  |
| 35-4-242.....                                                                             | F 18.81                                   | 6.00  | 5.64  | 45.22  |
| Waldo's Pure Growing Mash.....                                                            | G 17.00                                   | 4.50  | 6.00  | 47.00  |
| 35-4-243.....                                                                             | F 18.44                                   | 5.22  | 1.09  | 55.45  |
| <b>Wallace Bros. Packing Co., Joplin, Mo.</b>                                             |                                           |       |       |        |
| Wallace's Meat Scraps.....                                                                | G 50.00                                   | 17.48 | 3.76  | 10.02  |
| 35-7-203 <sup>4,5,11</sup> .....                                                          | F 43.40                                   | 28.78 | 2.78  | 5.97   |
| <b>The Wall-Rogalsky Milling Co., McPherson, Kan.</b>                                     |                                           |       |       |        |
| Wheat Bran with Ground Wheat Screenings, not Exceeding 1 %.....                           | G 14.50                                   | 3.50  | 11.00 | 47.00  |
| 35-11-76.....                                                                             | F 16.31                                   | 3.50  | 10.05 | 52.57  |
| <b>Warner County Milling Co., Marthasville, Mo.</b>                                       |                                           |       |       |        |
| Soft Wheat Gray Shorts and Ground Wheat Screenings, not Exceeding Mill-run.....           | G 16.00                                   | 3.50  | 6.00  | 55.00  |
| 35-1-245 <sup>22</sup> .....                                                              | F 16.88                                   | 5.05  | 5.31  | 55.79  |
| Soft Wheat Bran.....                                                                      | G 14.00                                   | 3.00  | 7.00  | 51.00  |
| 35-1-246 <sup>4,5</sup> .....                                                             | F 14.25                                   | 3.90  | 10.27 | 51.20  |
| <b>Warsaw Produce, Warsaw, Mo.</b>                                                        |                                           |       |       |        |
| Osage Pride Laying Mash.....                                                              | G 17.00                                   | 3.50  | 8.00  | 50.00  |
| 35-3-56.....                                                                              | F 17.13                                   | 5.98  | 7.52  | 49.65  |
| <b>Weber Flour Mills Co., Salina, Kan.</b>                                                |                                           |       |       |        |
| Tea Table Mill-run Wheat Feed and Ground Wheat Screenings, not Exceeding 8 %.....         | G 16.00                                   | 3.50  | 8.50  | 52.00  |
| 35-1-42 <sup>9,18</sup> .....                                                             | F 18.81                                   | 5.01  | 8.40  | 51.18  |
| Star Quality Pure Wheat Gray Shorts.....                                                  | G 16.00                                   | 3.50  | 6.00  | 55.00  |
| 35-12-2 <sup>3,10</sup> .....                                                             | F 17.38                                   | 5.77  | 6.28  | 56.46  |
| <b>Weish Packing Co., Springfield, Mo.</b>                                                |                                           |       |       |        |
| Nutro Brand Meat and Bone Scraps.....                                                     | G 50.00                                   | 8.00  | 3.00  | 0.60   |
| 35-7-97 <sup>3,4,5,6</sup> .....                                                          | F 47.10                                   | 10.02 | 1.89  | 0.10   |
| <b>M. Weitlin Flour Mills, Quincy, Ill.</b>                                               |                                           |       |       |        |
| Choice Wheat Bran.....                                                                    | G 14.30                                   | 3.55  | 12.50 | 50.00  |
| 35-7-3 <sup>9,16,18</sup> .....                                                           | F 15.31                                   | 3.70  | 12.43 | 50.50  |
| Winter Wheat Flour Middlings.....                                                         | G 15.00                                   | 4.00  | 6.00  | 52.00  |
| 35-9-169 <sup>9,18</sup> .....                                                            | F 18.00                                   | 4.25  | 3.97  | 59.01  |
| Choice Wheat Bran.....                                                                    | G 14.30                                   | 3.55  | 12.50 | 50.00  |
| 35-9-170 <sup>17,18</sup> .....                                                           | F 15.75                                   | 4.00  | 9.99  | 52.92  |
| <b>Wesco Foods Co., Cincinnati, Ohio.</b>                                                 |                                           |       |       |        |
| Wesco Scratch Feed.....                                                                   | G 9.50                                    | 2.50  | 5.00  | 55.00  |
| 35-8-250.....                                                                             | F 11.25                                   | 2.94  | 2.31  | 68.64  |
| Wesco, 24 % Dairy Feed.....                                                               | G 24.00                                   | 4.00  | 10.00 | 41.00  |
| 35-8-251.....                                                                             | F 24.56                                   | 3.68  | 7.78  | 43.11  |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key)                   | Chemical Analyses              |         |       |       |        |
|-------------------------------------------------------------------------------------------------------------|--------------------------------|---------|-------|-------|--------|
|                                                                                                             | % Guaranteed (G) and Found (F) | Protein | Fat   | Fiber | N.F.E. |
| Wesco Chick Grains.....                                                                                     | G 9.50                         | 2.50    | 5.00  | 60.00 |        |
| 35-8-252 <sup>9</sup> .....                                                                                 | F 11.19                        | 1.50    | 1.73  | 69.89 |        |
| Wesco Egg Mash.....                                                                                         | G 20.00                        | 4.00    | 7.00  | 50.00 |        |
| 35-9-1.....                                                                                                 | F 21.13                        | 4.60    | 5.87  | 48.68 |        |
| Wesco, 16 % Dairy Feed.....                                                                                 | G 16.00                        | 3.50    | 12.00 | 46.00 |        |
| 35-9-2.....                                                                                                 | F 17.81                        | 4.19    | 10.35 | 47.47 |        |
| Wesco Starting and Growing Mash.....                                                                        | G 16.00                        | 4.00    | 7.00  | 55.00 |        |
| 35-9-3 <sup>9</sup> .....                                                                                   | F 16.88                        | 4.34    | 5.71  | 55.54 |        |
| Wesco Egg Mash.....                                                                                         | G 20.00                        | 4.00    | 7.00  | 50.00 |        |
| 35-10-96.....                                                                                               | F 22.75                        | 4.07    | 5.10  | 45.77 |        |
| <b>Western Milk Powder Co., Kansas City, Kan.</b>                                                           |                                |         |       |       |        |
| Western Brand Pure Dried Buttermilk.....                                                                    | G 31.00                        | 6.00    | 1.00  | 35.00 |        |
| 35-4-44.....                                                                                                | F 35.13                        | 8.74    | 0.21  | 40.78 |        |
| <b>Western Star Mill Co., Salina, Kan.</b>                                                                  |                                |         |       |       |        |
| Star Quality Pure Wheat Gray Shorts.....                                                                    | G 16.00                        | 3.50    | 6.00  | 55.00 |        |
| 35-11-225 <sup>7</sup> .....                                                                                | F 18.06                        | 5.39    | 5.77  | 56.07 |        |
| Mill-run Wheat Feed and Ground Wheat Screenings,<br>not Over 8 % Screenings.....                            | G 16.00                        | 4.00    | 8.50  | 52.00 |        |
| 35-11-226 <sup>13,18</sup> .....                                                                            | F 17.13                        | 5.72    | 8.06  | 52.72 |        |
| Wheat Bran and Ground Wheat Screenings, not Over<br>8 % Screenings.....                                     | G 14.50                        | 3.50    | 11.00 | 47.00 |        |
| 35-11-227 <sup>18</sup> .....                                                                               | F 15.13                        | 4.36    | 9.64  | 53.89 |        |
| <b>Weston Milling Co., Weston, Mo.</b>                                                                      |                                |         |       |       |        |
| Soft Wheat Gray Shorts with Ground Wheat Screen-<br>ings, not Exceeding Mill-run and Corn Feed<br>Meal..... | G 16.00                        | 3.50    | 6.00  | 55.00 |        |
| 35-8-158.....                                                                                               | F 16.25                        | 4.55    | 5.48  | 57.32 |        |
| Soft Wheat Bran and Ground Wheat Screenings, not to<br>Exceed Mill-run and Corn Bran.....                   | G 14.00                        | 3.00    | 10.00 | 50.00 |        |
| 35-8-159.....                                                                                               | F 14.69                        | 5.16    | 9.92  | 51.27 |        |
| Wheat Mixed Feed and Corn Bran.....                                                                         | G 14.00                        | 3.50    | 8.50  | 55.00 |        |
| 35-8-160.....                                                                                               | F 16.13                        | 4.84    | 7.01  | 54.54 |        |
| <b>Westphalla Milling Co., Westphalla, Mo.</b>                                                              |                                |         |       |       |        |
| Pure Wheat Bran.....                                                                                        | G 16.00                        | 3.50    | 10.50 | 53.50 |        |
| 35-5-124 <sup>7</sup> .....                                                                                 | F 16.44                        | 3.72    | 10.77 | 52.02 |        |
| Gray Wheat Shorts.....                                                                                      | G 16.00                        | 4.00    | 6.00  | 56.80 |        |
| 35-5-125 <sup>7</sup> .....                                                                                 | F 17.69                        | 5.19    | 5.33  | 56.90 |        |
| <b>White Feed and Fuel Co., Moberly, Mo.</b>                                                                |                                |         |       |       |        |
| White's Special Mash.....                                                                                   | G 18.00                        | 4.00    | 7.50  | 40.00 |        |
| 35-2-1.....                                                                                                 | F 20.00                        | 4.61    | 5.13  | 52.49 |        |
| White's Laying Mash.....                                                                                    | G 18.00                        | 4.50    | 6.00  | 50.00 |        |
| 35-2-2.....                                                                                                 | F 19.38                        | 7.06    | 4.78  | 49.18 |        |
| White's Dairy Feed No. 2.....                                                                               | G 17.00                        | 3.00    | 12.00 | 48.00 |        |
| 35-2-3.....                                                                                                 | F 19.44                        | 4.85    | 9.31  | 50.31 |        |
| White's Special Mash.....                                                                                   | G 18.00                        | 4.00    | 7.50  | 40.00 |        |
| 35-10-176.....                                                                                              | F 20.94                        | 5.39    | 5.54  | 50.90 |        |
| White's Dairy Feed No. 2.....                                                                               | G 17.00                        | 3.00    | 12.00 | 48.00 |        |
| 35-10-177.....                                                                                              | F 19.63                        | 4.47    | 10.29 | 48.76 |        |
| White's Growing Mash.....                                                                                   | G 16.00                        | 4.50    | 6.00  | 50.00 |        |
| 35-10-178 <sup>32</sup> .....                                                                               | F 18.13                        | 6.25    | 4.01  | 53.96 |        |
| White's 18 % Laying Mash.....                                                                               | G 18.00                        | 4.50    | 6.00  | 50.00 |        |
| 35-10-179.....                                                                                              | F 20.00                        | 6.18    | 4.69  | 50.77 |        |
| <b>Whitlock-Lines, Monett, Mo.</b>                                                                          |                                |         |       |       |        |
| Ozark Beauty Dairy Feed.....                                                                                | G 17.00                        | 4.00    | 15.00 | 40.00 |        |
| 35-3-22 <sup>8,13,22</sup> .....                                                                            | F 20.44                        | 5.29    | 8.37  | 45.54 |        |
| Laymore Egg Mash.....                                                                                       | G 18.00                        | 4.00    | 7.00  | 45.00 |        |
| 35-3-23 <sup>8,13</sup> .....                                                                               | F 19.56                        | 6.32    | 5.92  | 46.29 |        |
| Ozark Beauty Hen-Joy Scratch.....                                                                           | G 9.50                         | 3.50    | 6.00  | 57.00 |        |
| 35-3-24.....                                                                                                | F 10.06                        | 4.58    | 2.06  | 71.65 |        |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses              |      |       |        |
|-------------------------------------------------------------------------------------------|--------------------------------|------|-------|--------|
|                                                                                           | % Guaranteed (G) and Found (F) |      |       |        |
|                                                                                           | Protein                        | Fat  | Fiber | N.F.E. |
| <b>Whitmer's Coal and Feed Co., Oregon, Mo.</b>                                           |                                |      |       |        |
| Whitmer's Sunflower Chick Starter.....                                                    | G 16.00                        | 3.75 | 5.00  | 52.00  |
| 35-10-31 <sup>18</sup> .....                                                              | F 19.56                        | 4.56 | 3.26  | 54.90  |
| Whitmer's Sunflower Egg and Growing Mash.....                                             | G 16.00                        | 4.00 | 5.00  | 53.00  |
| 35-10-32 <sup>18</sup> .....                                                              | F 20.50                        | 4.44 | 3.18  | 51.83  |
| <b>The Wichlta Flour Mills Co., Wichlta, Kan.</b>                                         |                                |      |       |        |
| Wheat Gray Shorts and not Over 8 % Ground Screenings from Winter Wheat.....               | G 16.00                        | 3.50 | 6.00  | 50.00  |
| 35-1-160 <sup>18</sup> .....                                                              | F 18.06                        | 4.52 | 5.36  | 56.46  |
| Wheat Bran and Ground Wheat Screenings from Winter Wheat, not Exceeding 8 %.....          | G 14.50                        | 3.50 | 11.00 | 45.00  |
| 35-11-25.....                                                                             | F 16.60                        | 3.78 | 11.71 | 50.22  |
| Wheat Gray Shorts and Ground Wheat Screenings from Winter Wheat, not Exceeding 8 %.....   | G 16.00                        | 3.50 | 6.00  | 50.00  |
| 35-11-26 <sup>17</sup> .....                                                              | F 19.00                        | 5.36 | 5.21  | 55.55  |
| <b>Wilbur Ellis Co., San Francisco, Cal.</b>                                              |                                |      |       |        |
| Hovden's Vacuum Dried Fish Meal.....                                                      | G 68.00                        | 5.00 | 1.00  | 0.00   |
| 35-10-104 <sup>10,18</sup> .....                                                          | F 69.06                        | 4.24 | 0.39  | 0.00   |
| Lighthouse Brand Fish Meal.....                                                           | G 67.00                        | 5.00 | 1.00  | 0.00   |
| 35-12-180 <sup>17</sup> .....                                                             | F 70.13                        | 6.17 | 0.39  | 1.82   |
| <b>Willard Flour and Feed Mill, Willard, Mo.</b>                                          |                                |      |       |        |
| Country Maid Wheat Gray Shorts.....                                                       | G 15.50                        | 4.00 | 5.00  | 55.00  |
| 35-3-3 <sup>1,2</sup> .....                                                               | F 15.94                        | 4.45 | 2.52  | 64.01  |
| Country Maid Soft Wheat Bran.....                                                         | G 15.00                        | 5.00 | 10.00 | 48.00  |
| 35-3-4 <sup>1,2</sup> .....                                                               | F 17.13                        | 5.27 | 8.41  | 53.81  |
| Country Maid Laying Mash.....                                                             | G 18.00                        | 4.00 | 6.00  | 48.00  |
| 35-3-5 <sup>1,2</sup> .....                                                               | F 23.50                        | 6.26 | 8.97  | 42.90  |
| Country Maid Dairy Feed.....                                                              | G 15.00                        | 3.50 | 10.00 | 48.00  |
| 35-9-235 <sup>2</sup> .....                                                               | F 17.69                        | 4.11 | 5.78  | 53.76  |
| Country Maid Soft Wheat Bran.....                                                         | G 15.00                        | 5.00 | 10.00 | 48.00  |
| 35-9-233 <sup>2</sup> .....                                                               | F 15.31                        | 4.41 | 6.62  | 59.42  |
| Country Maid Soft Wheat Gray Shorts.....                                                  | G 15.50                        | 4.00 | 5.00  | 55.00  |
| 35-9-234 <sup>2</sup> .....                                                               | F 14.50                        | 3.52 | 2.06  | 65.27  |
| Country Maid Laying Mash.....                                                             | G 18.00                        | 4.00 | 6.00  | 48.00  |
| 35-9-236 <sup>2</sup> .....                                                               | F 21.81                        | 5.81 | 3.76  | 48.99  |
| <b>Williams and George, Oak Grove, Mo.</b>                                                |                                |      |       |        |
| Egg Mash.....                                                                             | G 16.00                        | 3.00 | 8.00  | 51.00  |
| 35-2-69 <sup>7</sup> .....                                                                | F 18.69                        | 5.19 | 6.07  | 51.38  |
| Horse and Cow Feed.....                                                                   | G 11.00                        | 2.50 | 7.00  | 70.00  |
| 35-2-70 <sup>7</sup> .....                                                                | F 12.63                        | 4.47 | 4.74  | 64.15  |
| Scratch Feed.....                                                                         | G 9.00                         | 2.00 | 4.00  | 69.00  |
| 35-2-71 <sup>7</sup> .....                                                                | F 10.50                        | 4.34 | 2.27  | 70.24  |
| Screened Corn Chop.....                                                                   | G 8.00                         | 3.00 | 4.00  | 71.63  |
| 35-2-72 <sup>7</sup> .....                                                                | F 9.50                         | 5.06 | 1.77  | 71.51  |
| Screened Corn Chop.....                                                                   | G 8.00                         | 3.00 | 4.00  | 71.63  |
| 35-10-190 <sup>7</sup> .....                                                              | F 9.81                         | 3.41 | 2.29  | 69.32  |
| Egg Mash.....                                                                             | G 16.00                        | 3.00 | 8.00  | 51.00  |
| 35-10-191 <sup>7</sup> .....                                                              | F 19.56                        | 2.61 | 6.11  | 51.84  |
| Horse and Cow Feed.....                                                                   | G 11.00                        | 2.50 | 7.00  | 70.00  |
| 35-10-192 <sup>7</sup> .....                                                              | F 12.31                        | 3.60 | 4.90  | 63.61  |
| Scratch Feed.....                                                                         | G 9.00                         | 2.00 | 4.00  | 69.00  |
| 35-10-193 <sup>7</sup> .....                                                              | F 11.00                        | 3.62 | 2.43  | 69.25  |
| <b>Willow Springs Commislon Co., Willow Springs, Mo.</b>                                  |                                |      |       |        |
| Willow Egg Mash.....                                                                      | G 19.00                        | 3.75 | 10.00 | 47.00  |
| 35-12-22 <sup>7,13</sup> .....                                                            | F 20.00                        | 5.88 | 4.89  | 50.48  |
| Willow Brand Mixed Feed.....                                                              | G 11.80                        | 2.95 | 13.45 | 56.40  |
| 35-12-23 <sup>7</sup> .....                                                               | F 14.19                        | 4.43 | 12.99 | 53.87  |



| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |        |       |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|--------|-------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |        |       |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E. |       |
| <b>Wilson and Company, Kansas City, Kan.</b>                                              |                   |                |               |        |       |
| Red "W" Brand Meat and Bone Scraps.....                                                   | G                 | 50.00          | 6.00          | 3.00   | 2.00  |
| 35-3-30.....                                                                              | F                 | 51.75          | 12.36         | 0.90   | 0.13  |
| Red "W" Brand Dried Buttermilk.....                                                       | G                 | 31.00          | 5.50          | 0.05   | 35.00 |
| 35-7-99.....                                                                              | F                 | 34.56          | 7.88          | 0.00   | 41.65 |
| Red "W" Brand Special Prepared Steam Bone Meal.                                           | G                 | 5.00           | 1.00          | 2.00   | 2.00  |
| 35-7-147 <sup>3,4</sup> .....                                                             | F                 | 8.63           | 4.67          | 1.68   | 55.28 |
| Red "W" Brand Selected Poultry Bone Meal.....                                             | G                 | 25.00          | 2.00          | 1.00   | 3.00  |
| 35-7-148 <sup>4</sup> .....                                                               | F                 | 24.53          | 0.97          | 0.05   | 50.11 |
| <b>Wilson Flour Mills, Wilson, Kan.</b>                                                   |                   |                |               |        |       |
| Wheat Gray Shorts.....                                                                    | G                 | 17.00          | 4.00          | 6.00   | 55.00 |
| 35-1-240 <sup>7</sup> .....                                                               | F                 | 19.38          | 4.50          | 4.90   | 50.87 |
| <b>Wiss and Wiss, Kahoka, Mo.</b>                                                         |                   |                |               |        |       |
| Clark Co's. Best Laying Mash.....                                                         | G                 | 18.00          | 4.50          | 6.00   | 50.00 |
| 35-1-237 <sup>32</sup> .....                                                              | F                 | 17.81          | 4.98          | 4.59   | 53.02 |
| Corn and Oats Chop.....                                                                   | G                 | 9.00           | 2.50          | 3.50   | 61.00 |
| 35-1-238.....                                                                             | F                 | 11.38          | 4.70          | 6.04   | 63.03 |
| Clark Co's. Best 18 % Laying Mash.....                                                    | G                 | 18.00          | 4.50          | 6.00   | 50.00 |
| 35-12-182.....                                                                            | F                 | 19.25          | 6.16          | 4.11   | 51.42 |
| <b>Wolff Milling Co., New Haven, Mo.</b>                                                  |                   |                |               |        |       |
| Winter Wheat Gray Middlings with Ground Wheat                                             |                   |                |               |        |       |
| Screenings, not Exceeding Mill-run.....                                                   | G                 | 16.50          | 3.50          | 6.00   | 55.00 |
| 35-8-192 <sup>13</sup> .....                                                              | F                 | 16.25          | 4.72          | 5.44   | 58.01 |
| Winter Wheat Bran with Ground Wheat Screenings,                                           |                   |                |               |        |       |
| not Exceeding Mill-run.....                                                               | G                 | 15.00          | 3.50          | 10.00  | 53.00 |
| 35-8-193.....                                                                             | F                 | 15.38          | 4.29          | 8.19   | 54.14 |
| Wheat Mixed Feed with Ground Wheat Screenings,                                            |                   |                |               |        |       |
| not Exceeding Mill-run.....                                                               | G                 | 15.50          | 3.25          | 10.00  | 55.00 |
| 35-8-194 <sup>13</sup> .....                                                              | F                 | 16.31          | 3.97          | 6.87   | 59.04 |
| <b>L. C. Worth Commission Co., Kansas City, Mo.</b>                                       |                   |                |               |        |       |
| Midwest Egg Producer.....                                                                 | G                 | 19.00          | 5.00          | 7.00   | 49.00 |
| 35-4-11 <sup>22</sup> .....                                                               | F                 | 19.38          | 4.79          | 5.97   | 51.51 |
| L. C. Worth's Buckeye All Mash Chick Ration.....                                          | G                 | 19.00          | 5.50          | 5.00   | 53.00 |
| 35-4-12 <sup>11</sup> .....                                                               | F                 | 19.00          | 5.52          | 4.53   | 51.46 |
| Buckeye Hen Grains.....                                                                   | G                 | 10.00          | 3.00          | 4.00   | 63.00 |
| 35-4-13.....                                                                              | F                 | 11.69          | 3.46          | 2.13   | 70.17 |
| L. C. Worth's Buckeye Laying Mash.....                                                    | G                 | 19.60          | 5.60          | 5.80   | 58.00 |
| 35-4-14 <sup>22</sup> .....                                                               | F                 | 20.94          | 5.85          | 2.51   | 51.20 |
| Buckeye Developing Grains.....                                                            | G                 | 10.00          | 3.50          | 4.00   | 63.00 |
| 35-4-15.....                                                                              | F                 | 11.38          | 3.80          | 2.03   | 70.27 |
| Buckeye Station Fattener.....                                                             | G                 | 13.50          | 4.50          | 5.00   | 61.00 |
| 35-4-16 <sup>8</sup> .....                                                                | F                 | 15.50          | 5.36          | 4.69   | 60.92 |
| L. C. Worth's Buckeye Chick Mash with Buttermilk                                          |                   |                |               |        |       |
| and Cod Liver Oil.....                                                                    | G                 | 18.00          | 5.00          | 5.50   | 53.00 |
| 35-4-17.....                                                                              | F                 | 21.88          | 5.53          | 5.61   | 48.75 |
| Greenback Egg Mash.....                                                                   | G                 | 18.00          | 5.00          | 8.00   | 48.00 |
| 35-4-18 <sup>11</sup> .....                                                               | F                 | 20.25          | 5.19          | 5.75   | 50.07 |
| L. C. Worth's Buckeye Big Flow Dairy Feed.....                                            | G                 | 15.50          | 4.50          | 5.00   | 55.00 |
| 35-4-19 <sup>9,22</sup> .....                                                             | F                 | 14.81          | 3.73          | 5.37   | 56.83 |
| Greenback 16 % Dairy Ration.....                                                          | G                 | 16.00          | 3.50          | 10.00  | 50.00 |
| 35-4-20 <sup>11,22</sup> .....                                                            | F                 | 14.75          | 3.77          | 6.65   | 55.41 |
| Worth's Buckeye 80 % Grain Horse and Mule Feed..                                          | G                 | 11.00          | 2.50          | 9.00   | 58.00 |
| 35-4-21 <sup>7,8,9,18</sup> .....                                                         | F                 | 11.63          | 3.61          | 6.50   | 61.59 |
| Buckeye Greenfeed Alfalfa and Molasses Feed.....                                          | G                 | 9.00           | 1.00          | 24.00  | 43.00 |
| 35-4-22 <sup>7,9,18</sup> .....                                                           | F                 | 9.66           | 1.66          | 17.86  | 46.27 |
| Screened Corn Chop.....                                                                   | G                 | 9.00           | 3.50          | 3.50   | 66.00 |
| 35-4-23.....                                                                              | F                 | 9.56           | 4.19          | 1.63   | 71.47 |
| Worth's Buckeye Chick Grain.....                                                          | G                 | 10.00          | 3.50          | 4.00   | 63.00 |
| 35-4-24.....                                                                              | F                 | 10.88          | 4.34          | 1.98   | 70.46 |
| L. C. Worth's Buckeye Laying Mash.....                                                    | G                 | 19.60          | 5.60          | 5.80   | 50.80 |
| 35-8-176.....                                                                             | F                 | 19.81          | 5.19          | 5.40   | 50.84 |

| Manufacturer and Address<br>Brand Name, Laboratory Number<br>"Superior" Figures (see Key) | Chemical Analyses |                |               |             |
|-------------------------------------------------------------------------------------------|-------------------|----------------|---------------|-------------|
|                                                                                           | %                 | Guaranteed (G) | and Found (F) |             |
|                                                                                           | Protein           | Fat            | Fiber         | N.F.E.      |
| L. C. Worth's Buckeye Chick Mash with Buttermilk<br>and Cod Liver Oil.....                |                   |                |               |             |
|                                                                                           | G                 | 18.00          | 5.00          | 5.50 53.00  |
| 35-8-177.....                                                                             | F                 | 23.50          | 4.71          | 5.36 48.27  |
| Midwest Egg Producer.....                                                                 |                   |                |               |             |
|                                                                                           | G                 | 19.00          | 5.00          | 7.00 49.00  |
| 35-8-178.....                                                                             | F                 | 20.50          | 4.14          | 6.40 50.95  |
| L. C. Worth's Buckeye All Mash Chick Ration.....                                          |                   |                |               |             |
|                                                                                           | G                 | 19.00          | 5.50          | 5.00 53.00  |
| 35-8-180.....                                                                             | F                 | 19.88          | 6.07          | 4.69 49.79  |
| Greenback 16 % Dairy Feed.....                                                            |                   |                |               |             |
|                                                                                           | G                 | 16.00          | 3.50          | 10.00 50.00 |
| 35-8-181.....                                                                             | F                 | 14.30          | 4.37          | 6.52 54.46  |
| Greenback All Mash Chick Ration.....                                                      |                   |                |               |             |
|                                                                                           | G                 | 17.00          | 4.50          | 6.00 56.00  |
| 35-8-182.....                                                                             | F                 | 17.16          | 4.48          | 6.51 53.80  |
| Buckeye 80 % Grain Horse and Mule Feed.....                                               |                   |                |               |             |
|                                                                                           | G                 | 11.00          | 2.50          | 9.00 58.00  |
| 35-8-183 <sup>7,9,18</sup> .....                                                          | F                 | 12.41          | 3.02          | 6.65 61.79  |
| Midwest Egg Producer.....                                                                 |                   |                |               |             |
|                                                                                           | G                 | 19.00          | 5.00          | 7.00 49.00  |
| 35-12-64.....                                                                             | F                 | 19.38          | 4.84          | 7.20 50.86  |
| L. C. Worth's Buckeye Laying Mash.....                                                    |                   |                |               |             |
|                                                                                           | G                 | 19.60          | 5.60          | 5.80 50.80  |
| 35-12-65.....                                                                             | F                 | 24.00          | 5.86          | 5.86 45.16  |
| S. R. Yantis Milling Co., Fulton, Mo.                                                     |                   |                |               |             |
| Y Dairy Feed.....                                                                         |                   |                |               |             |
|                                                                                           | G                 | 14.00          | 3.50          | 12.00 50.00 |
| 35-10-105.....                                                                            | F                 | 15.31          | 4.50          | 12.51 50.30 |
| Crescent Laying Mash.....                                                                 |                   |                |               |             |
|                                                                                           | G                 | 18.00          | 4.25          | 7.75 51.50  |
| 35-10-106.....                                                                            | F                 | 19.00          | 4.55          | 6.74 51.85  |
| Crescent Growing Mash.....                                                                |                   |                |               |             |
|                                                                                           | G                 | 15.60          | 4.20          | 9.15 52.00  |
| 35-10-107.....                                                                            | F                 | 15.41          | 4.56          | 8.84 53.38  |
| Crescent Starting Mash.....                                                               |                   |                |               |             |
|                                                                                           | G                 | 18.50          | 4.40          | 7.00 51.50  |
| 35-10-108.....                                                                            | F                 | 20.75          | 4.88          | 7.57 48.96  |
| James Young, Paris, Mo.                                                                   |                   |                |               |             |
| Missouri Formula Egg Mash with Cod Liver Oil.....                                         |                   |                |               |             |
|                                                                                           | G                 | 20.00          | 3.50          | 7.00 45.00  |
| 35-4-71 <sup>18,25</sup> .....                                                            | F                 | 17.07          | 4.95          | 4.42 55.02  |
| Missouri Formula Chick Starting Mash with Cod<br>Liver Oil.....                           |                   |                |               |             |
|                                                                                           | G                 | 14.00          | 3.00          | 5.00 53.00  |
| 35-4-72 <sup>7</sup> .....                                                                | F                 | 17.94          | 4.61          | 3.05 54.81  |
| Your Store and Ours, Fayette, Mo.                                                         |                   |                |               |             |
| Your and Our Chick Mash.....                                                              |                   |                |               |             |
|                                                                                           | G                 | 16.00          | 4.50          | 7.00 53.00  |
| 35-10-66.....                                                                             | F                 | 16.69          | 4.74          | 6.47 53.08  |
| Your and Our Egg Mash.....                                                                |                   |                |               |             |
|                                                                                           | G                 | 17.00          | 4.50          | 7.00 48.00  |
| 35-10-67 <sup>17</sup> .....                                                              | F                 | 18.31          | 4.95          | 6.87 50.88  |
| Your and Our Dairy Feed.....                                                              |                   |                |               |             |
|                                                                                           | G                 | 14.00          | 3.00          | 16.00 48.00 |
| 35-10-68 <sup>17</sup> .....                                                              | F                 | 12.85          | 2.80          | 15.96 49.75 |
| Ziegenbalg and Co., St. Louis, Mo.                                                        |                   |                |               |             |
| Black Gold Meat and Bone Scraps.....                                                      |                   |                |               |             |
|                                                                                           | G                 | 50.00          | 6.00          | 3.00 0.00   |
| 35-9-128.....                                                                             | F                 | 54.06          | 12.35         | 1.55 0.00   |



# THE BULLETIN

Jefferson City, Missouri

The BULLETIN is published monthly by the Missouri State Department of Agriculture, J. C. Breshears, Commissioner, Jefferson City, Missouri Entered as second-class matter at Jefferson City (Mo.) postoffice, October 13, 1917, under Act of Congress of June 6, 1900 Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized July 2, 1918.

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MARCH, 1936.

Number 11.

(Timely, undated copy?)

## CORN BORER WARNING.

### Corn on Cob From Quarantined States Prohibited From Entry Here.

Recognizing the danger of the European corn borer being introduced into Missouri through corn on the cob, during the seed corn shortage, J. C. Brashears, Commissioner of Agriculture, today issues a warning against admitting corn on the cob or pop corn on the cob, under penalty, from the following States:

Maine, New Hampshire, Massachusetts, Connecticut, Rhode Island, Vermont, New York, Pennsylvania, New Jersey, West Virginia, Michigan, Ohio and Indiana.

Under the terms of the existing quarantine against the European Corn Borer, dealers, truckmen, railroads or others are forbidden to bring in corn on the cob or pop corn on the cob from any of the foregoing States.

One dealer has been arrested and fined for having in his possession Ohio-grown pop corn on the cob, received by truck. The case was made by the State Department of Agriculture.

The European Corn Borer (*Pyrausta nubilalis*) is, as its name implies, a European insect pest, one of the world's worst enemies of the maize plant, was first discovered on the North American continent in 1917 near Boston, Massachusetts. It has gradually spread until it now infests the areas above mentioned as quarantined by Missouri.

The European Corn Borer attacks corn by boring up and down the stalk, so weakening it that it may break over. It often bores into the cob of the ear, and may hibernate there over the winter, which, of course, makes it prohibitive to bring into Missouri corn on the cob from infested States.

Any person knowing of corn on cob being trucked or otherwise brought into Missouri from infested territory is urgently requested to wire the Commissioner of Agriculture, Jefferson City, Mo.

(Note: Printers wanting copy for all 3 seed tags may obtain same upon request to local seed dealers or of State Department of Agriculture.)

## REVISED SEED LABELS.

The State Department of Agriculture advises seed dealers that the newly revised seed labels (tags) should be printed and used, and the old forms destroyed, according to information that The..... has received from Commissioner J. C. Breshears.

The following revised seed labels are required: No. 1, for unmixed seed; No. 2, for "seed mixtures;" No. 3, for "special seed mixtures."

The ordinary shipping tag is convenient for seed labels, and The..... will promptly fill orders. The State does not furnish seed tags.

## CHANGE IN SEED LABELS.

Effective since January 1, 1936, the revised seed labels do not permit "hard seed percentage" to be included in the germination percentage, and "hard seed" is now shown separately.

The following is the wording of the 1936 label for unmixed field seeds:

"Kind.....; Lot No. ....; Grown in (State of).....; Purity .....%; Weed Seed .....%; Inert .....%; Other Crop Seed .....%; Germination Date, 193 ...; Germination .....% Without Hard Seed .....%; Noxious Weed Seeds in Excess of One to Five Grams (kinds).....; Full Name and Address of Vendor....."

## NEW FEED BULLETIN.

Available upon request, the State Department of Agriculture, Jefferson City, Mo., has issued a new feed bulletin of 120 pages. It details the analyses of feeds sampled in 1935, and is of interest to feed buyers, showing guaranties and "as found."

## TEST ALL SEED CORN.

State and federal authorities in agriculture, in Missouri and the other portions of the corn belt caught by fall frosts, are agreed that all corn for 1936 planting should be tested for germination. Many bad percentages have been found in corn that looked fit for planting, according to information received by The.....

## CERTIFIED SWEET POTATOES.

The State Department of Agriculture, Jefferson City, Mo., has certified seed sweet potatoes from 196 acres, available for spring bedding, subject to bed inspection of slips for certified stock.

The twenty-one seed sweet potato owners are all located in South Missouri, and the Department of Agriculture will furnish the list to anyone upon request.

## LABEL SEED GRAINS.

The..... is in receipt of a message from Commissioner J. C. Brashears of the State Department of Agriculture, inviting this newspaper to remind all buyers and sellers of corn and other field grains for seeding purposes that each bag of such seed must be legally labeled, the tag showing the information required by law, including germination, and the State where it was grown.

Unlabeled seed corn is especially risky this spring.

The penalty for selling unlabeled or mislabeled seed corn, seed oats or other field seed is a fine not exceeding \$100.

## THE CANADA THISTLE.

The "Canada thistle" is forbidden by Missouri laws, two different statutes have to do with it. Legally, it is our worst weed, yet doubtless there are readers of The..... who consider several other weeds much more troublesome in this territory than the genuine Canada thistle.

According to tradition, the Canada thistle was introduced into North America from foreign hay fed to the horses of General Burgoyne's British army in colonial times.

Of Missouri laws, section 12607 forbids the sale of field seed containing Canada thistle, and sections 12597 to 12601 forbid the plant being grown, under penalty.

## ONLY LABELED SEEDS SAFE.

Only labeled field and garden seeds are in the safe class for 1936. Unlabeled and mislabeled seed are always in the uncertain class. There is an enlarged demand for correctly labeled agricultural seed, so reports the Missouri State Department of Agriculture to The.....

## SEED LAW "EXEMPTIONS."

By courtesy of the Missouri State Department of Agriculture, The..... herewith cites the "exemptions" from labeling of field seeds by the grower or others, as follows:

"Section 12606.—Agricultural seeds or mixtures of same shall be exempt from the provisions of Article 16, Chapter 87 (the seed law), as follows:

"(a)—When possessed, exposed for sale, or sold for food purposes only.

"(b)—When sold to merchants to be re-cleaned before being sold or exposed for sale for seeding purposes.

"(c)—When in store for the purpose of re-cleaning or not possessed, sold or offered for sale for seeding purposes within the state.

"(d)—Agricultural seeds grown and sold by the grower thereof on his own premises; provided, however, that said grower shall be responsible under this article for any representation he shall make in the sale of such agricultural seeds; and further provided, that if such agricultural seeds shall be advertised for sale or be delivered through a common carrier then the grower as a seller shall be deemed to be a vendor, and said seed and seller shall be subject to all the requirements of this article. Provided, that nothing in this subsection (d) shall be interpreted as exempting

## SEED CORN TESTING.

Convinced that Missouri farmers should test the corn that they are planning to use for seed this spring, J. C. Breshears, Commissioner of Agriculture, suggests that testing be done at once, to give time for securing seed elsewhere in the same part of the state, if the grower finds his crop unfit to plant.

The College of Agriculture, Columbia, Mo., has issued a free new "Leaflet No. 38," entitled "Testing Seed Corn," explaining how to test corn at home.

## TEST SORGHUM SEED.

Farmers with grain or sweet sorghum seed that they expect to sell for seeding purposes should test it for germination, bearing in mind the early frost. Sorghum seed must be labeled, except when sold at the farm of the grower, without advertisement or quality representation, subject to the provisions of section 12606 of the seed law.

## WHAT ARE "NOXIOUS WEEDS?"

The question of "what are noxious weeds" has many answers by many different individuals, based on experience and observation. What you consider "noxious weeds" and what the Missouri field seed law specifies as "legally noxious weeds" may be widely different, so remarks the State Department of Agriculture, in a statement to The.....

The eight kinds or groups of "legally noxious weed seeds" are as follows:

Quack grass, dodders, Russian thistle, wild carrot, sorrels, docks, buckhorn and other varieties of plantain, and wild onion. As a matter of fact, this list means more than eight "kinds" of weeds.

## MISSOURI CREAM CARE.

With the warming up of the season, the question of maintaining and improving the quality of Missouri cream will demand more attention, and must receive consideration, if our dairy products are to stand high in the

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## BEWARE OF SEED PEDDLERS.

The Missouri State Department of Agriculture is this week issuing warning against field seed peddlers in trucks without established, reliable connections, and who do not sell correctly and truly labeled seed, each bag bearing a complete label. Any citizen has the right to make complaint to his local prosecuting attorney on seeing seed sold or offered for sale contrary to law.

(Unheaded dateless fillers.)

For a free booklet on the "Missouri Seed Laws," including ruling by the Attorney-General that shows that any citizen or prosecuting attorney may file complaint, address the State Department of Agriculture, Jefferson City, Mo.

In answer to inquiries, the State Department of Agriculture today notifies The..... that farmers or agricultural students may obtain a roster of all available free "USDA Farmers' Bulletins" upon request to the "Office of Information, U. S. Department of Agriculture, Washington, D. C."

Each wholesale or retail manufacturer of ice cream in Missouri is required to take out an annual license before starting to manufacture the product.

The quality of eggs marketed in Missouri has been improved through the state egg law. Candling and grading are helpful both to the producer and the consumer.

The Missouri feed law provides for a correct label upon every sack of livestock or poultry feed, the mixer or miller filing registration guaranteeing the feed to be







# THE BULLETIN

Jefferson City, Missouri

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Number 12.

(First news of the 1936 census questions, released for any late April or early May edition.)

## FARM CENSUS QUERIES.

### First News Announcement of the Questions in 1936 Farm Census.

The.....today announces herewith that the 1936 annual farm census questions, 25 in number, to be asked of all farmers by all county and township assessors, starting June 1st, are as follows:

"Corn, wheat, oats, rye, barley, Irish potatoes, tobacco, cotton, cowpeas, soybeans.

"Sorghum for sirup, Kaffir and sorghum for feed, lespedeza, clover and timothy for hay, alfalfa for hay and pasture, prairie or wild hay, other crops cut for hay.

"Orchard and small fruits; all other field, truck, vegetable and garden crops; all land pastured this year; crop land lying idle; overflowed and drowned out (no crop); raw and unimproved land; house and barn lots, roads, railroad rights of way, etc.; total acres in farm."

This is the first announcement of the wording of the 1936 farm census queries, the statistics of which will be of added importance, owing to the new soil conservation act. The farm census will be administered by the State Department of Agriculture in co-operation with the U. S. Department of Agriculture.

(Release, when received, any April or May edition, of special interest in the 28 factory trade areas.)

## SEDIMENT TEST FOR CHEESE.

The cheese manufacturers of Missouri have met and formally adopted the "sediment test" for all milk purchased for making cheese. The "sediment test" is growing in favor in the trade, being necessary to meet the federal and state sanitary standards for dairy products. There are not less than 28 cheese factories in Missouri.

(Release, A. M. & P. M., Wednesday, April 29th. Of special interest in Southeast Missouri?)

## 112,000 PEACH TREES OUT.

### More than 112,000 Peach Trees Taken Out in State-Federal Work.

That more than 112,000 old and diseased peach trees have been removed from orchards by consent and co-operation of the owners in seven Southeast Missouri counties, since December 1, 1935, is the report of J. C. Breshears, Commissioner of Agriculture, concerning the state-federal project in relation to Phony Peach disease control and regulatory work in peach tree diseases.

The Phony Peach disease is continuing to be found in Missouri. Since 1931, a total of 300,000 inspections have been made, and 89 "phony" trees dug up by the roots. This does not include Phony Peach trees found since January 1st.

This helpful peach industry service is made possible through the co-operation of the U. S. D. A. Bureau of Entomology & Plant Quarantine with the State Department of Agriculture, assisted by WPA funds.

(April-May column-footer.)

## EGG LICENSE DUE MAY 26TH.

The.....reminds all local buyers and sellers of eggs that the state licenses expire on May 26th. This license does not apply to producers, but does apply to all egg buyers and sellers in the retail and wholesale trade. This is an important factor in popularizing eggs as a safe and dependable article of food.

Current column-filler.)

## CORN—TEST NOT GUESSED.

"Test—Not Guessed" is a suitable slogan for seed corn this spring. Careful selection, followed by a carefully made home test, is not only desirable but necessary for 1936 planting, owing to the autumn frost damage to corn in many counties.

(Release, for weeklies, on or before Wednesday, A. M., April 29th.)

## BEWARE OF CORN BORER.

### Missouri Farmers and Seedsmen Warned of Possible Danger Ahead.

Continuing the warning against seed corn or pop corn on the cob, from states having European corn borer, J. C. Breshears, Commissioner of Agriculture, says don't buy on-the-cob seed corn or other corn on cob from the following states, against which quarantine is now in force:

Maine, New Hampshire, Massachusetts, Connecticut, Rhode Island, Vermont, New York, Pennsylvania, New Jersey, West Virginia, Michigan, Ohio and Indiana.

One wholesale dealer in pop corn on the cob has been arrested and fined under Missouri's European corn borer quarantine, for having in possession corn on the cob from one of the foregoing infested states.

The State Department of Agriculture solicits information concerning the bringing in of corn on the cob from the quarantined states. The seed corn shortage tends to tempt the thoughtless or unscrupulous to take the risk of bringing in corn from the European corn borer areas, thus menacing our chief money crop.

(Release, any edition on or after Tuesday, P. M., Saturday, April 25.)

## RABIES WIDESPREAD.

The spread of rabies in dogs and farm animals is worse by far than a year ago, according to a statement made this week by State Veterinarian H. E. Curry of the Missouri State Department of Agriculture.

Many persons, exposed to rabies, have been compelled to take rabies treatment as preventive measure. Many animals have died as a result of being bitten by rabid dogs.

The present situation is serious in many counties, including Randolph, Chariton, Audrain, Callaway, Moniteau, and certain Southeast counties.

Farmers should be on guard, says Doctor Curry, who observes that existing laws are not proving sufficient to effectively deal with the serious situation.

Citizens can render valuable service by controlling their own dogs and by penning or destroying all stray dogs that come upon their premises.

(April-May dateless copy.)

## WARM WEATHER WARNING.

### The Advent of Spring and Summer Temperatures Brings Risks.

That the advent of spring and summer temperatures brings risks to all producers and handlers of cream for market is the friendly warning of Commissioner J. C. Breshears, expressed in a message to The....., which passes the word along to its farmer readers.

State Department of Agriculture inspectors are busily working with cream station operators, in friendly yet firm manner seeing to it that all buying firms are in sanitary condition for the summer trade.

Consumers of dairy products will be interested to hear that the sanitary requirements for 1936 are being more strictly enforced than ever before in buying stations, in trucking, and in manufacturing plants.

(Items for farmers, dateless current copy.)

## A LABEL ON EVERY SACK.

"A correct label on every sack or package of livestock and poultry feed" is the goal of the Missouri State Department of Agriculture's feed law. The inspection, analyzing and administration is paid for by the earnings of registration and tonnage fees, not costing the general revenue fund a penny.

This regulatory service law, little heard of in ordinary news and comment, is of much value to the feed buyer, safeguarding him against fraudulent feeds and misrepresentation. Res Feed Officer R. L. Re... to The... concerning... of livestock poultry.

(April or May copy.)

## EGG LICENSE DUE MAY 26TH.

### All Local Egg Traffic Licenses Expire—Important Food Trade Aid.

The.....has received the news from the State Department of Agriculture that all retail and carlot egg licenses expire and are subject to renewal on May 26th.

Commissioner J. C. Breshears says that the egg license and candling law is valuable, to both producer and consumer, and is a genuine protection to the dealer, to the degree that candling and grading is correctly done.

Year by year, the quality of Missouri eggs is improving, and today it is easier and surer of getting eggs that are first class food than ever before.

It is to the common interest of producer, dealer and consumer that all eggs be candled and handled through none other than licensed buyers and sellers. The annual less than carlot license is \$2.00 per annum, and the inspection of such places of business is free.

(Dateless spring item.)

## PLANT SAFE NURSERY STOCK.

### Now Is the Time for Buyers to Watch for Certification Tags.

The planting of none other than state inspected nursery stock is essential to the safe development of the home orchard, so observes Plant Officer J. Carl Dawson of the Missouri State Department of Agriculture, who says "it is unsafe to buy stock not bearing a certificate."

Every effort is being made to see that all truck peddlers of nursery stock are handling only certified insect-pest and plant-disease free p...

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As proof that the foregoing advice is timely, it is today announced that Deputy Plant Officers have found truck loads of nursery stock originating outside of Missouri that carried dangerous plant pests not common in this state.

(Any-county copy, especially interesting in areas where cheese factories are located.)

## QUALITY CHEESE CAMPAIGN.

The twenty-eight cheese manufacturers of Missouri have lately organized for and, in fact, have begun a "Quality Campaign," to insure a clean and pure food product in the trade. The volume of Missouri-made cheese is growing, and the quality meets the federal food quality requirements. The organization's name is the Missouri Association of Cheese Manufacturers.

(Release, any edition on or after Monday A. M., April 27. Of a special interest in Northwest counties.)

## BARBERRY ERADICATION.

The eradication of the "common barberry" is continuing in Northwest Missouri, with work now in progress in Platte, Holt, Gentry, Clay and Jackson counties, with 108 men in the service. This is a U. S. Department of Agriculture project in co-operation with the State Department of Agriculture, largely from WPA funds.

The "common barberry" is the host plant of the black stem rust of wheat and other small grains, and its elimination from farms and towns is important to agriculture. Without the presence of this plant, this disease is unable to infect growing small grain (wheat, oats, rye and barley) in the spring.

(For spring publication and reference.)

## CERTIFIED POTATO SLIPS.

Persons desiring certified sweet potato slips from Missouri growers may obtain names and addresses from the State Department of Agriculture at Jefferson City.















